

Fig. 1

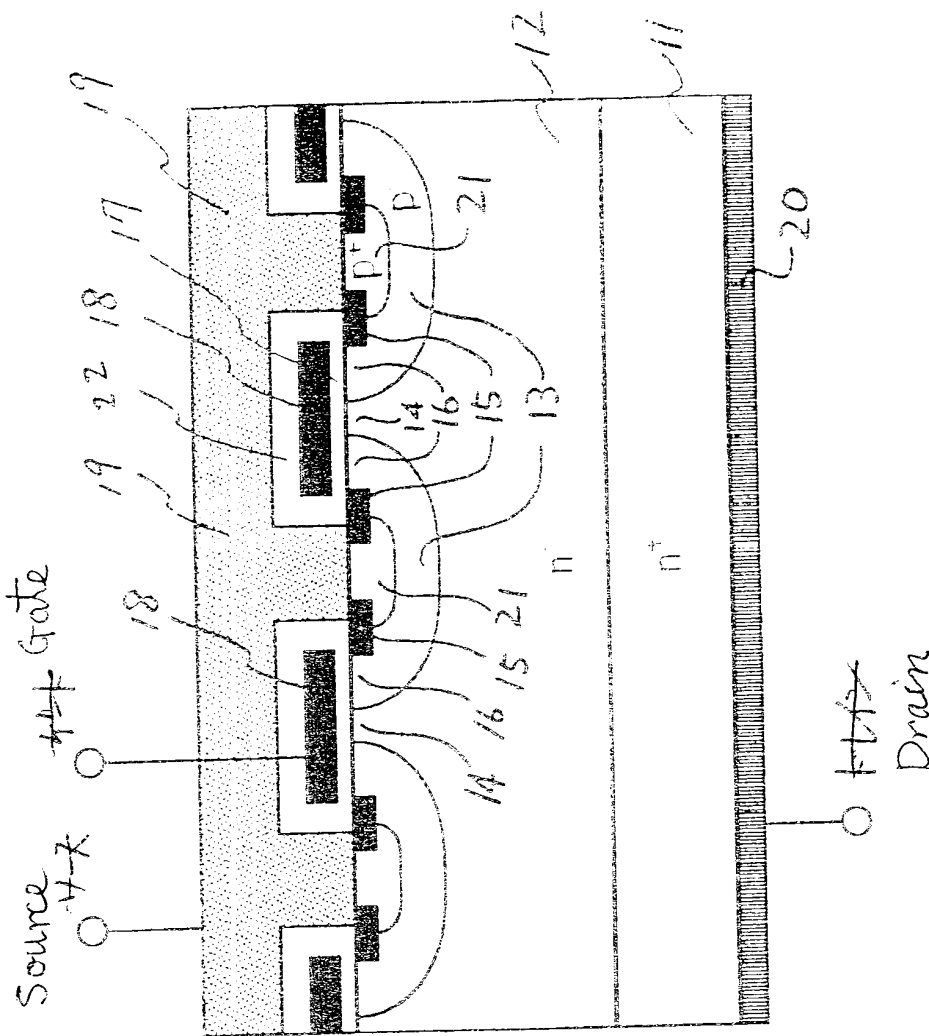


Fig. 2

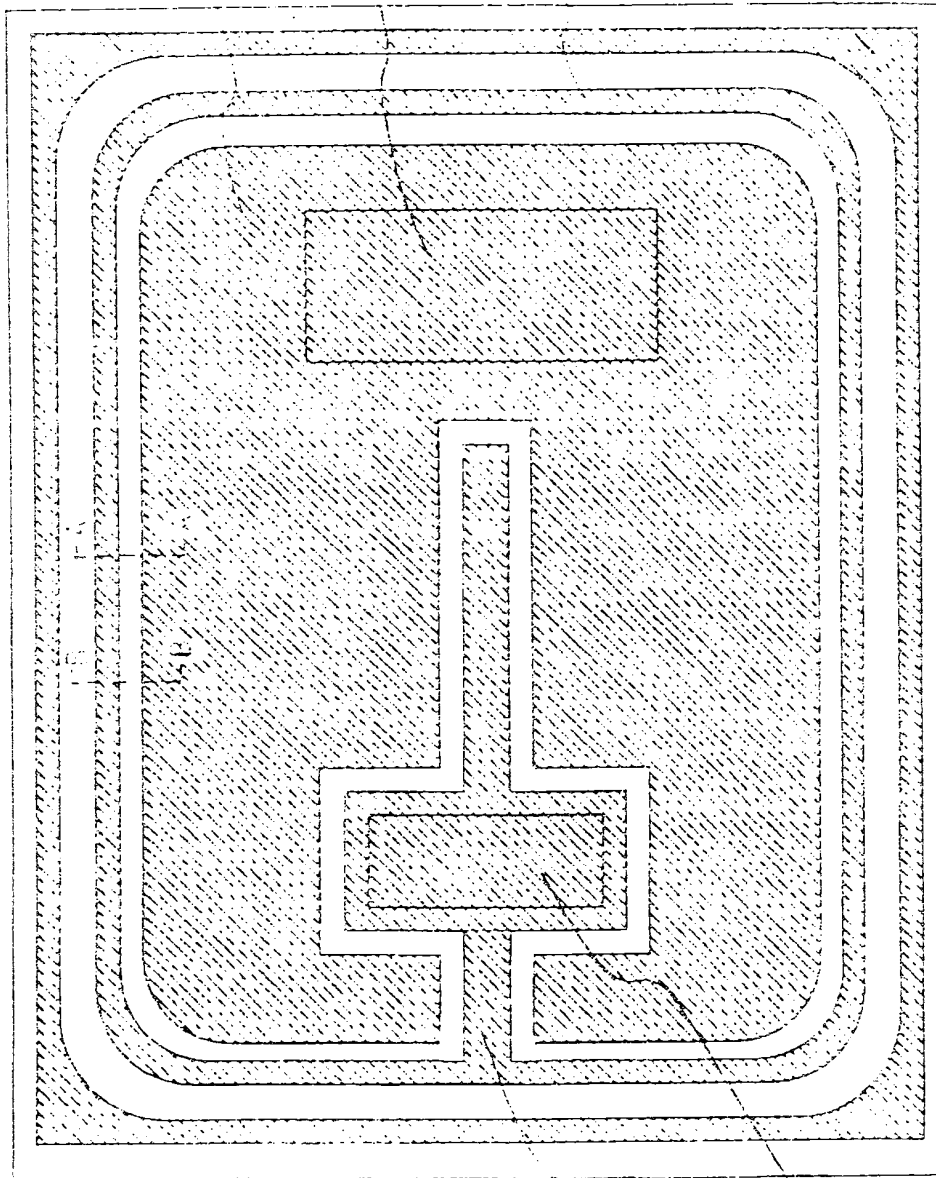
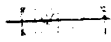


Fig. 3

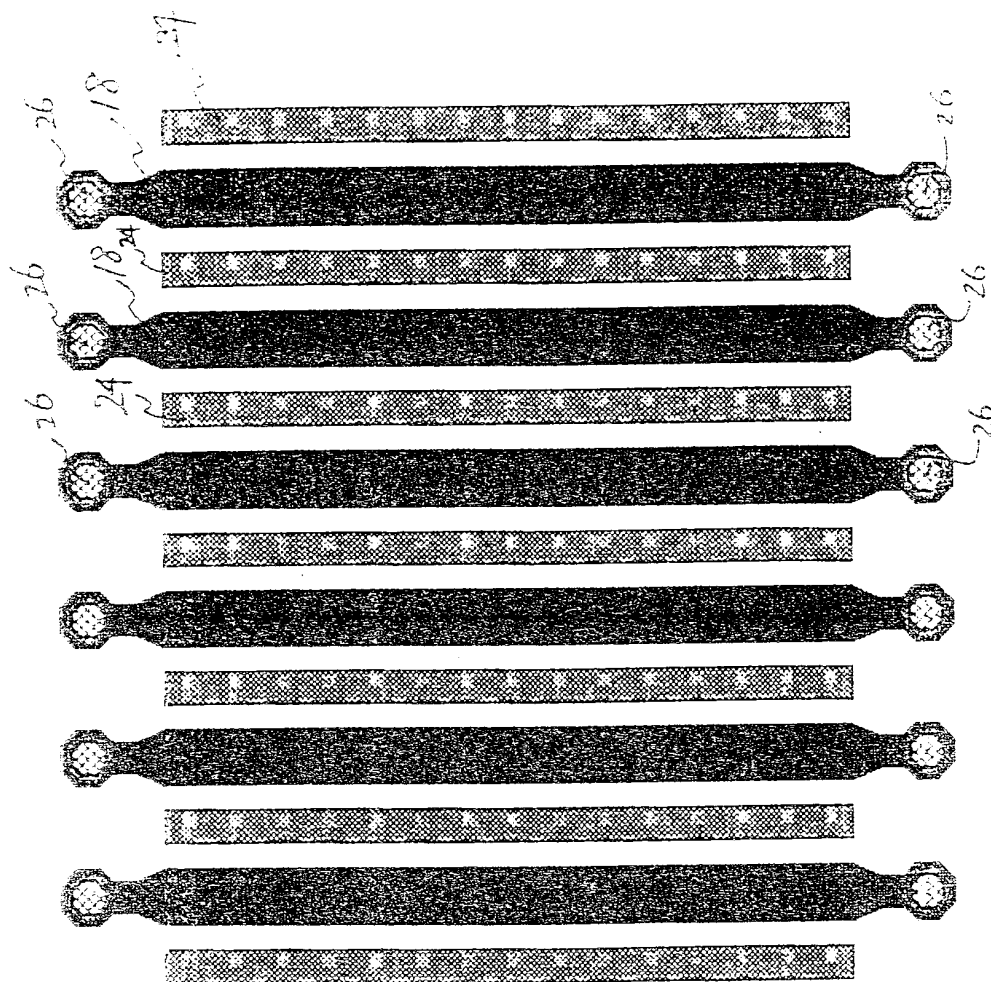


Fig. 4

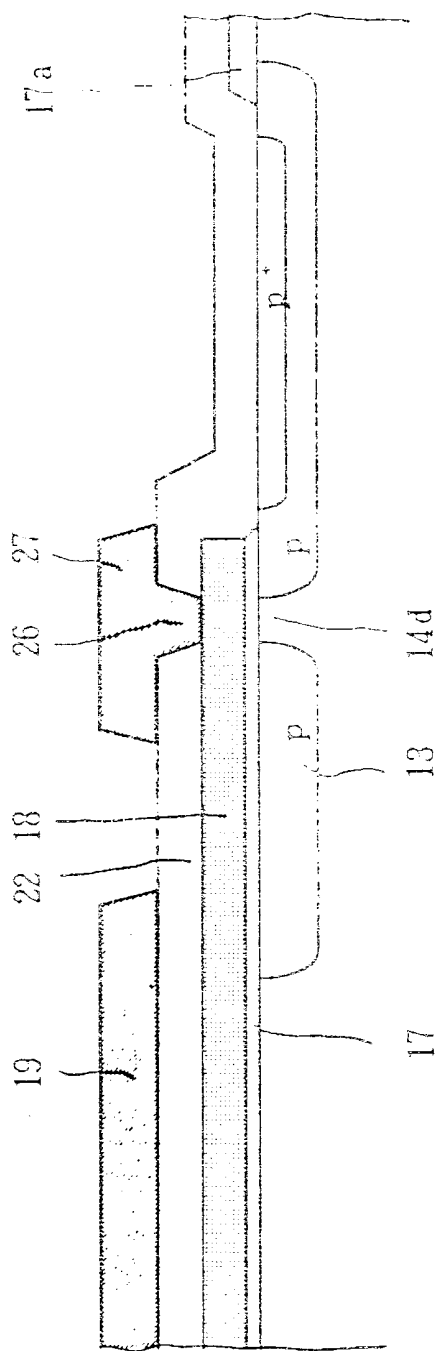


Fig. 6

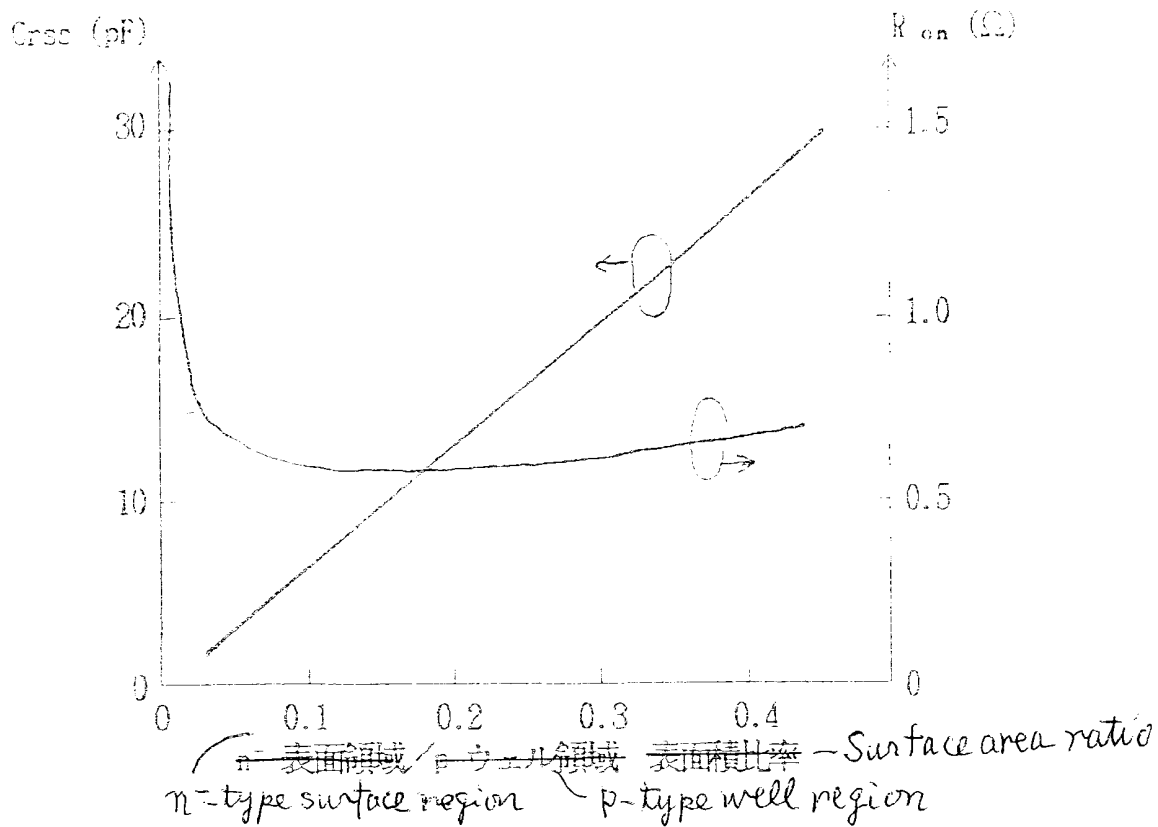


Fig. 7

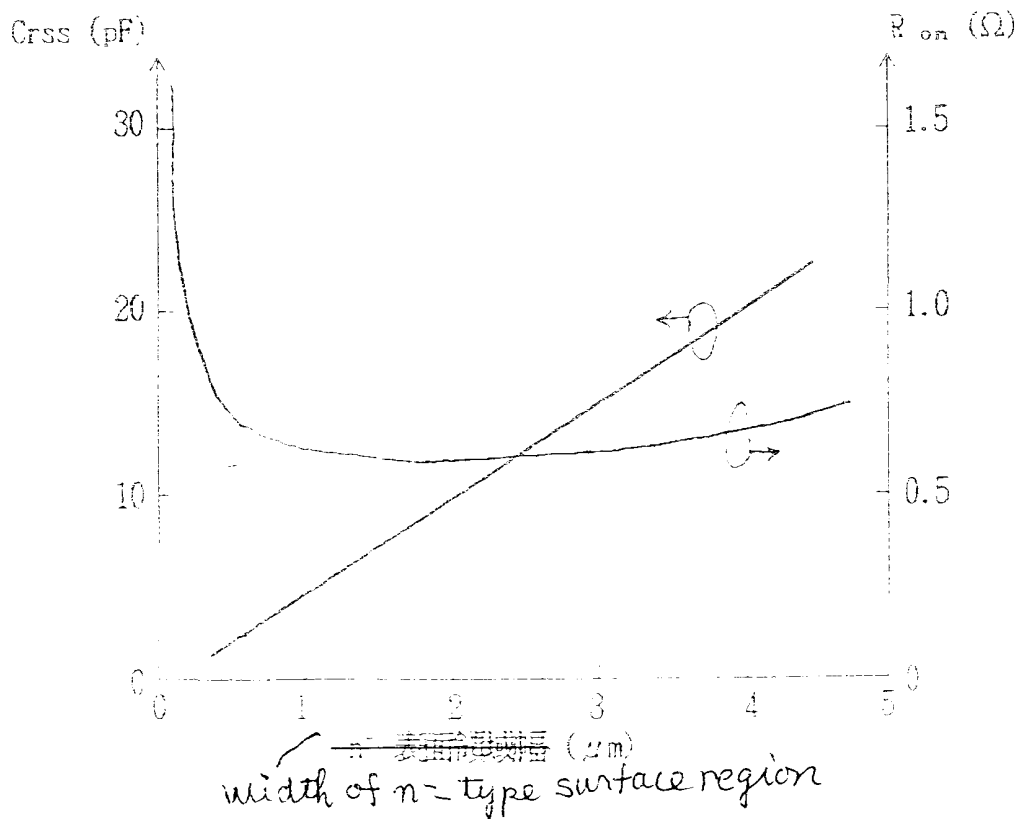


Fig. 8

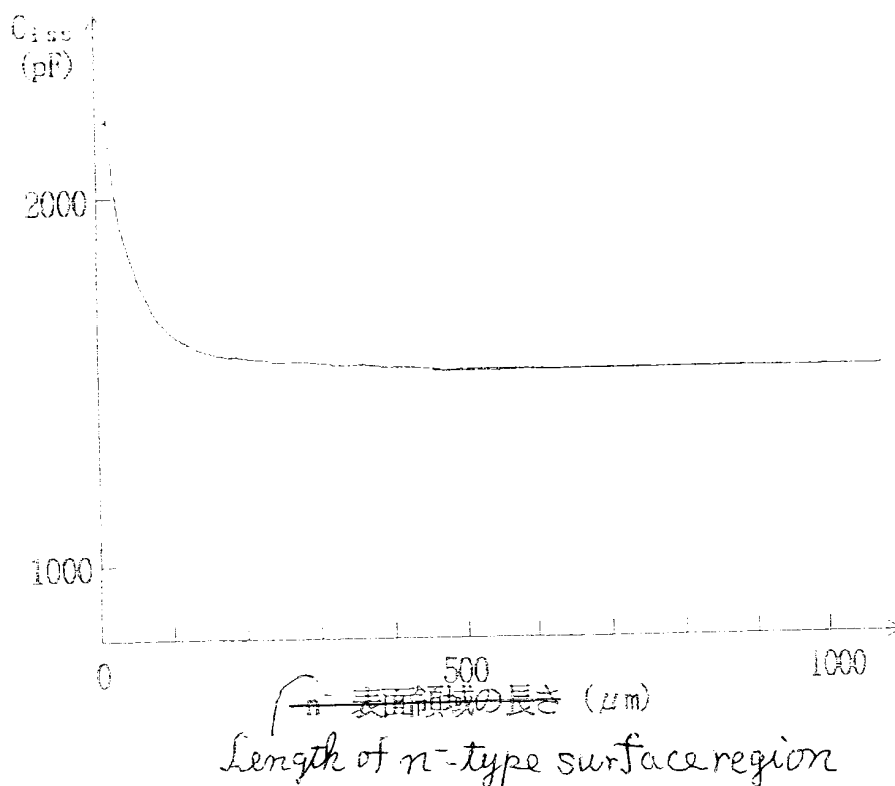


Fig. 9

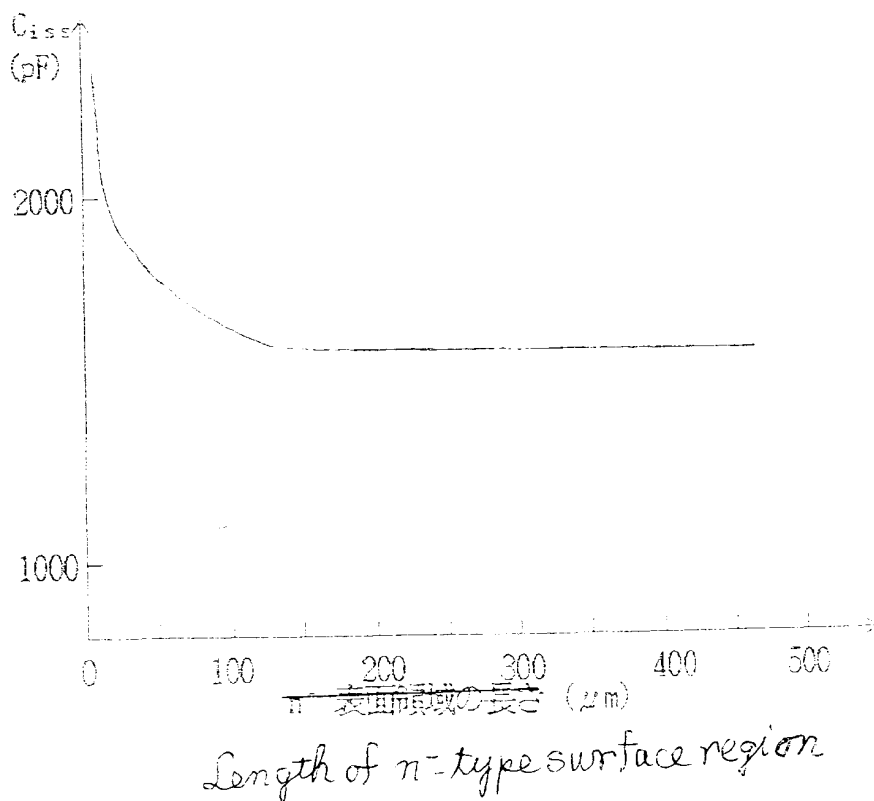


Fig. 10

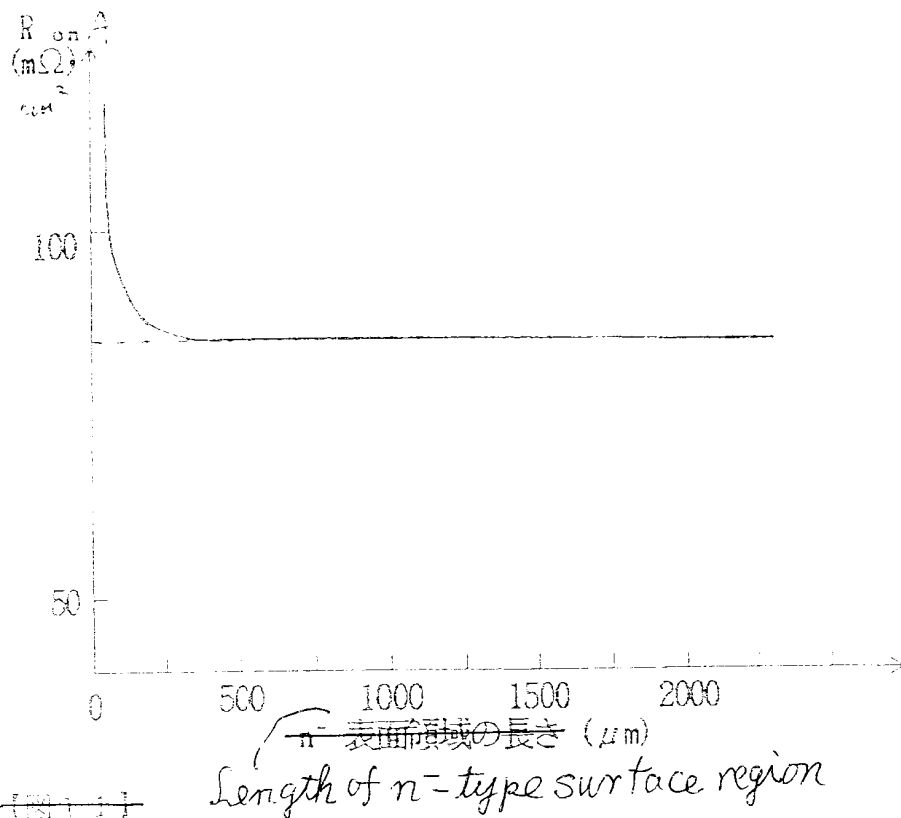


Fig. 11

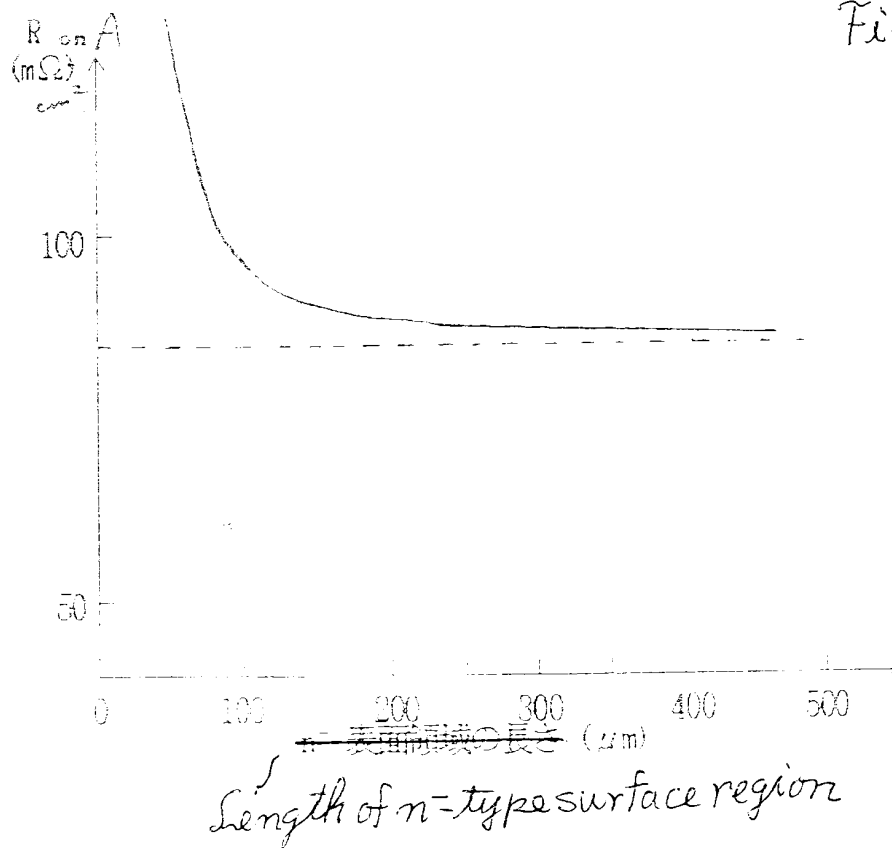
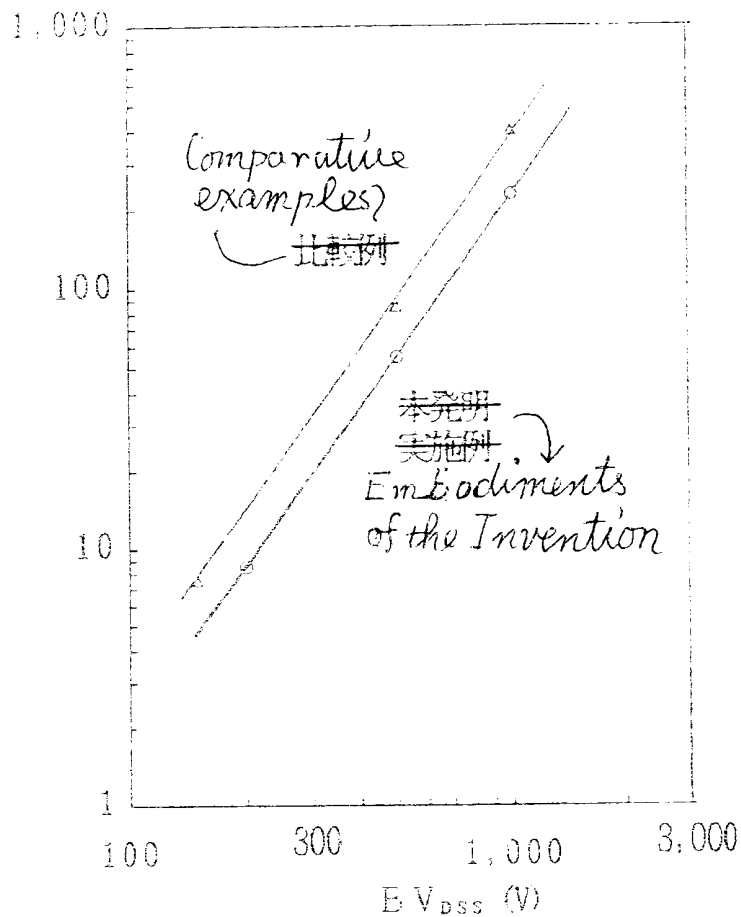


Fig. 12

$R_{on}A$ ($m\Omega cm^2$)



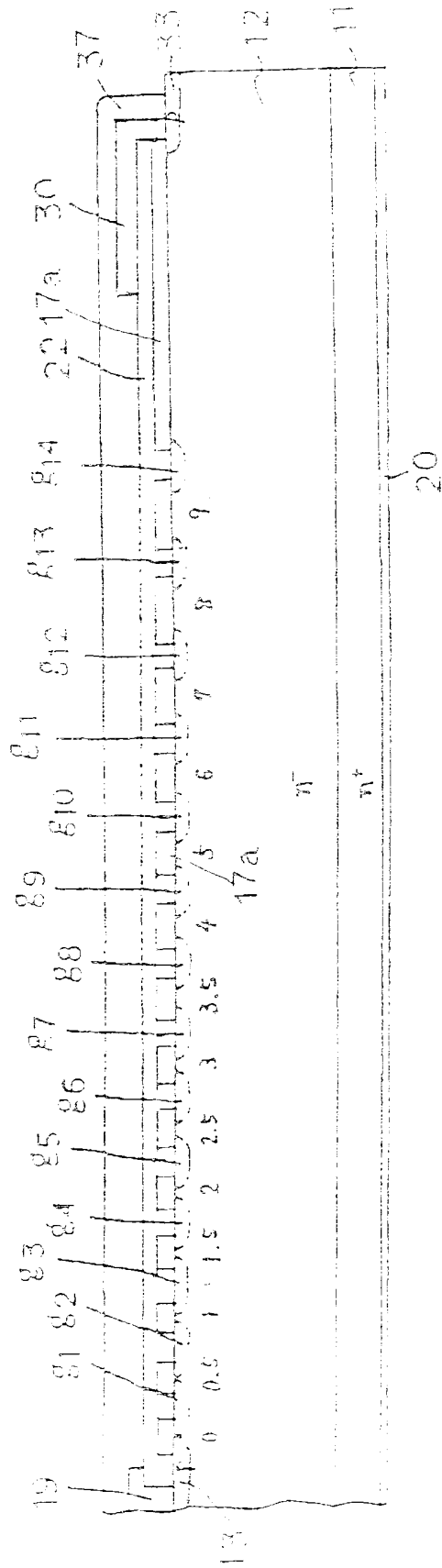


Fig. 13

Fig. 14

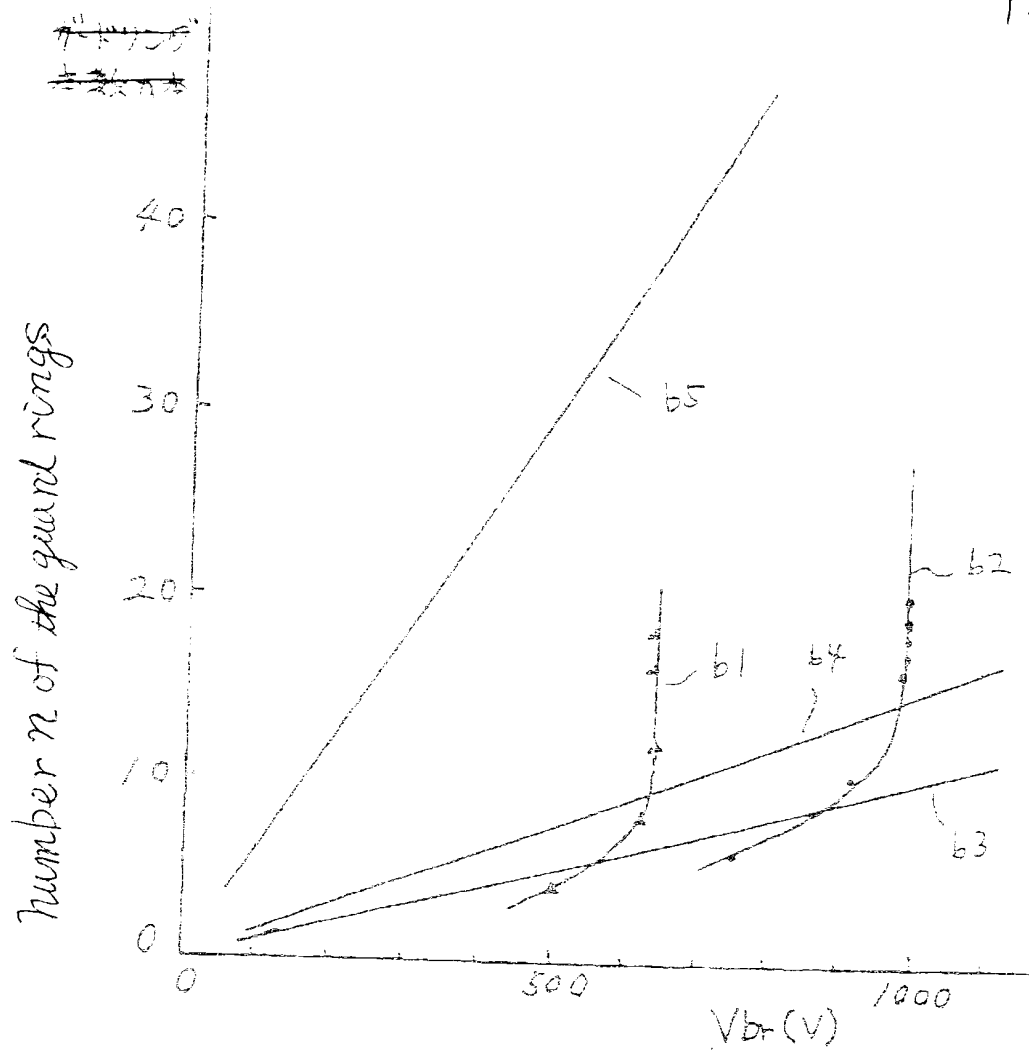
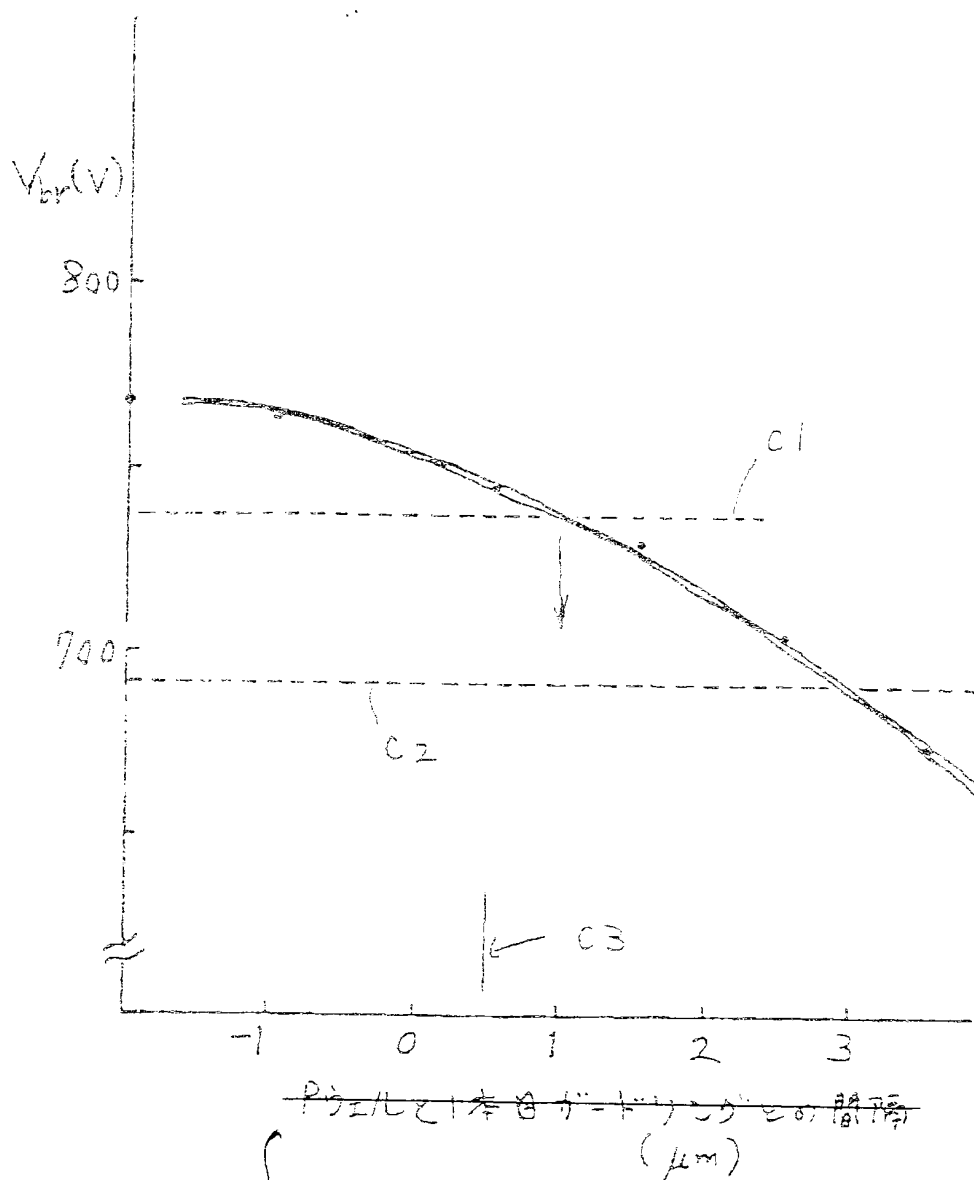
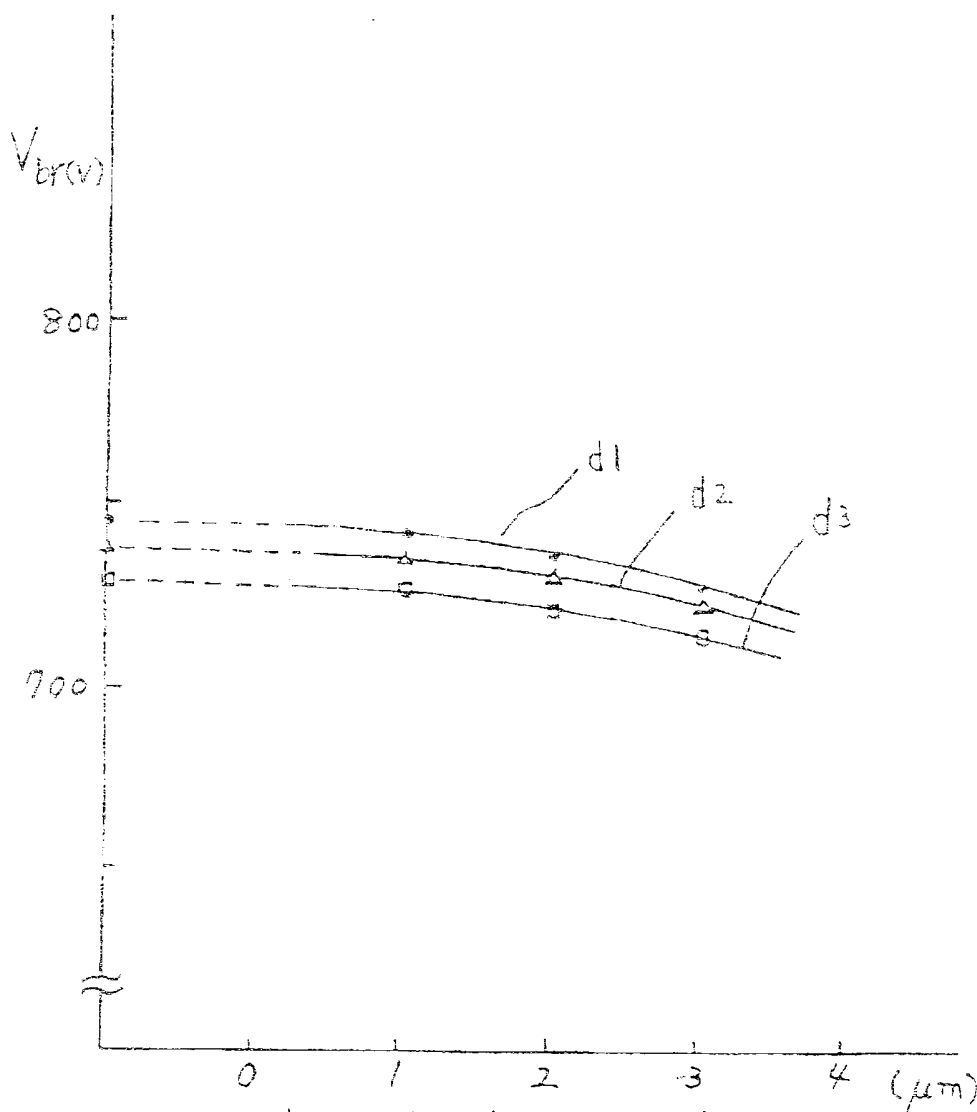


Fig. 15



Spacing between p-type well region
and first guard ring



~~トランジスタのゲートリング間距離~~

Spacing between first and second guard rings

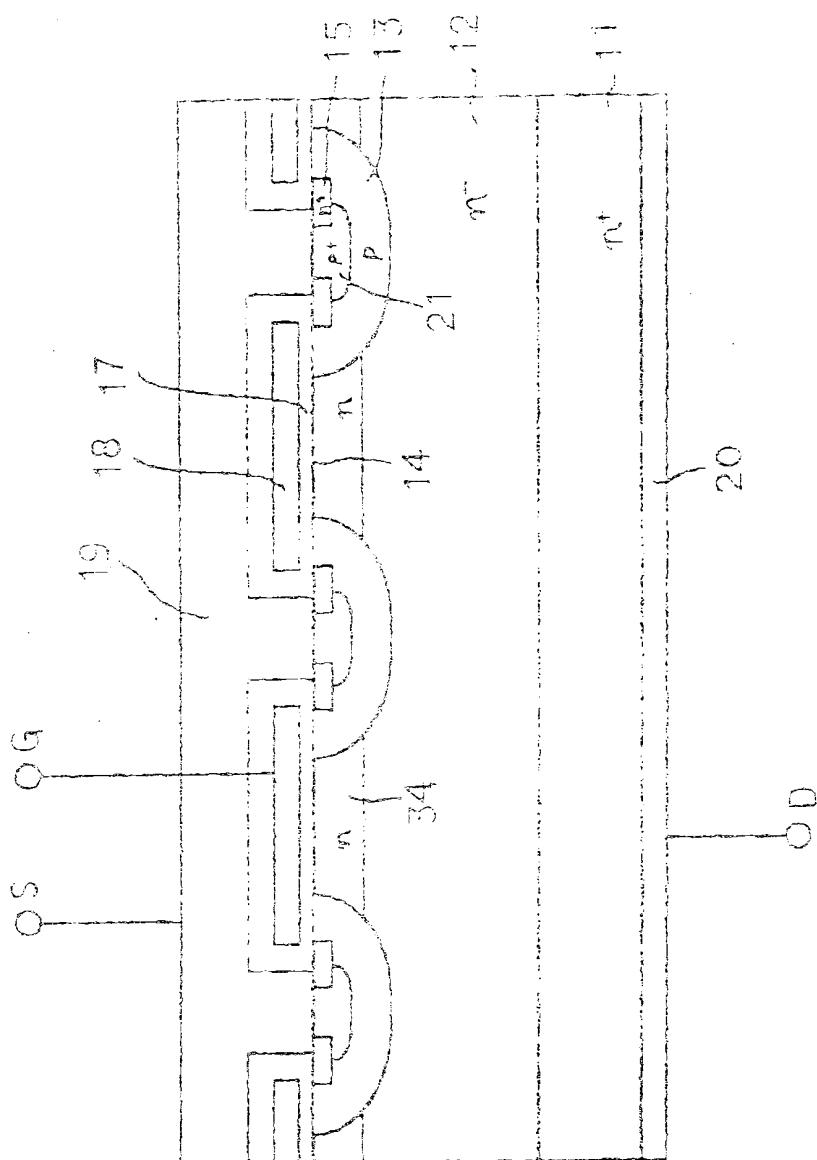
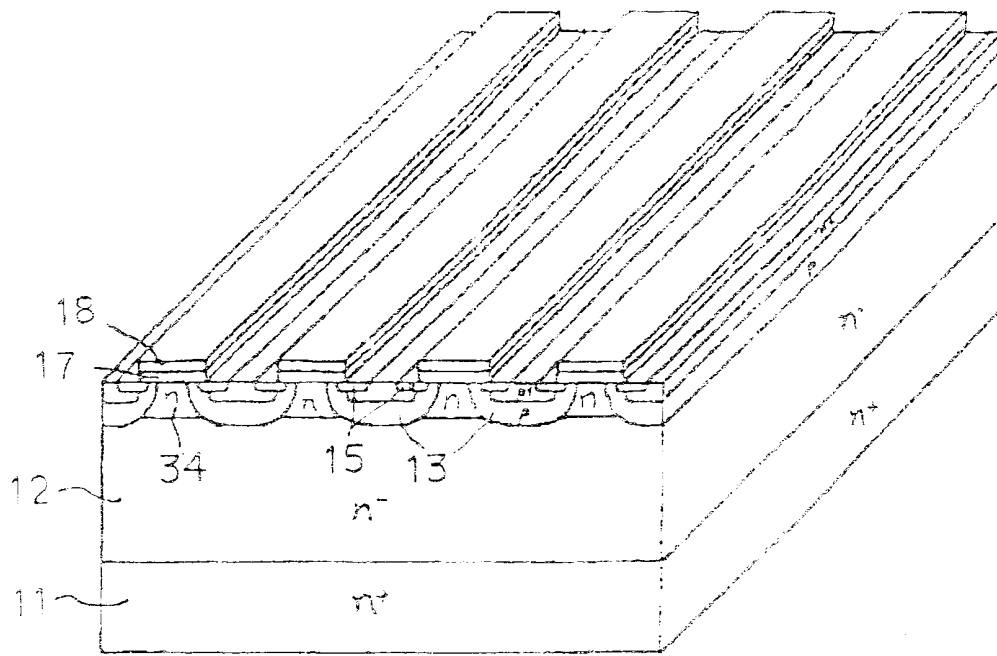


Fig. 17

[110]



[110]

Fig. 18

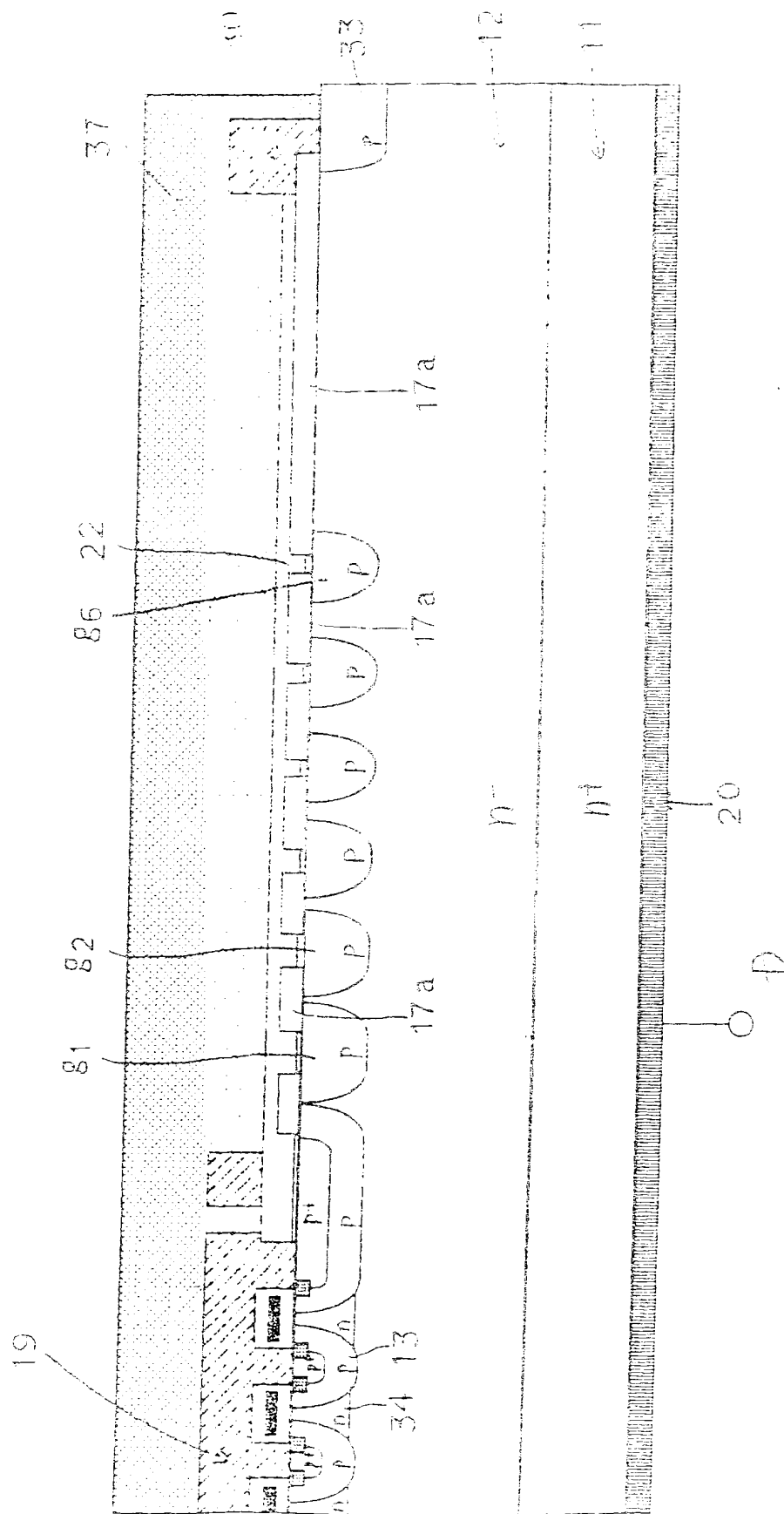


Fig. 19

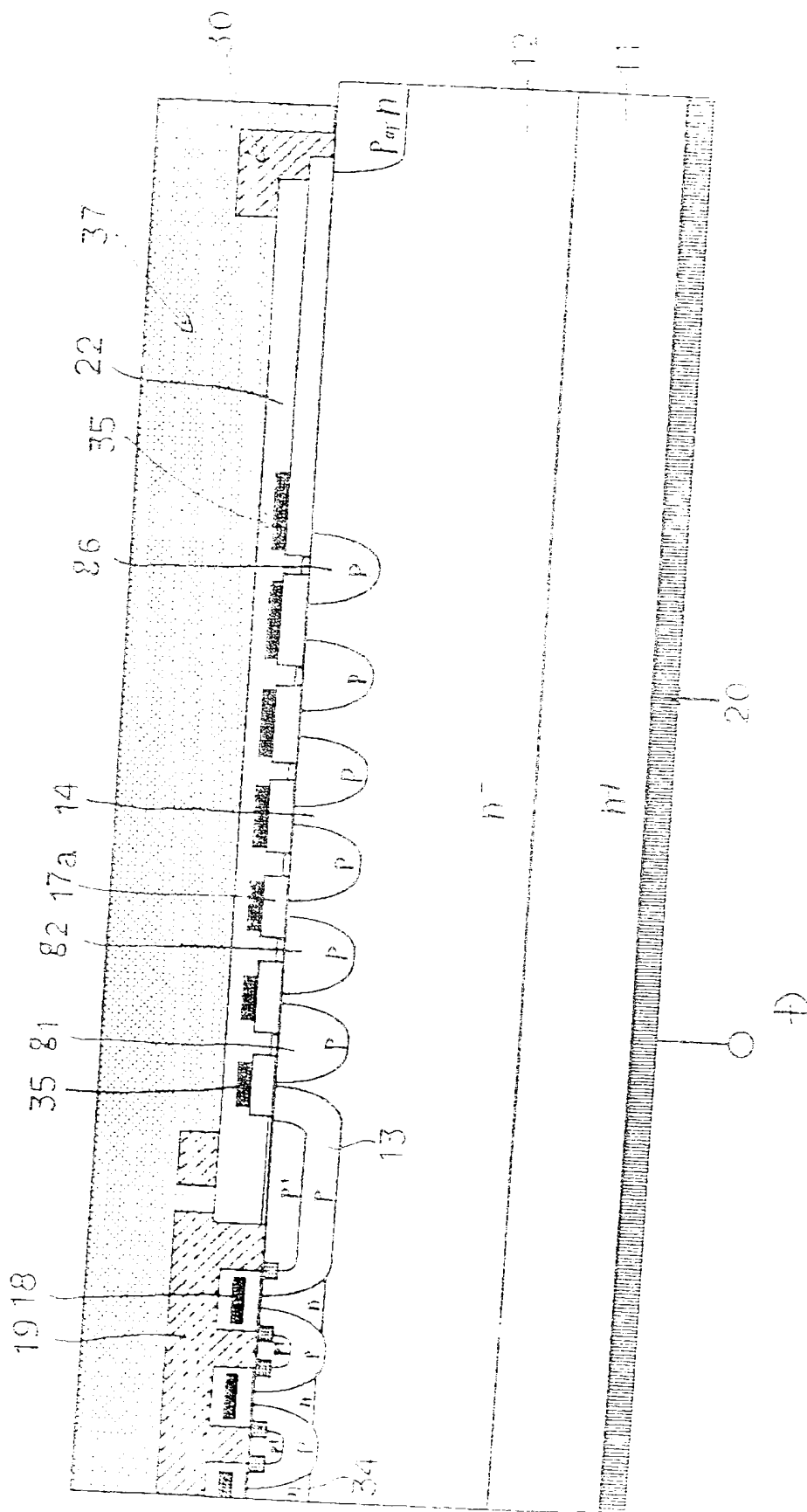


Fig. 20

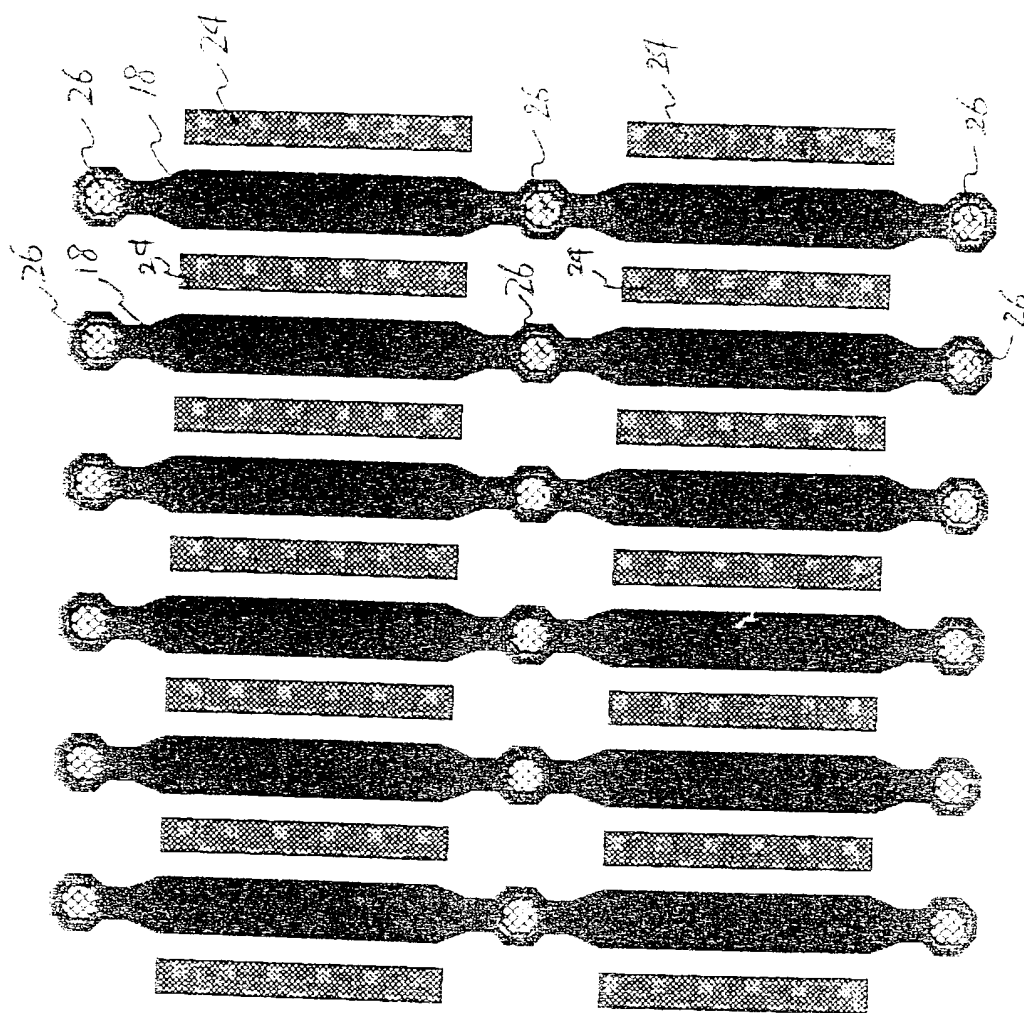
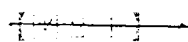


Fig. 21

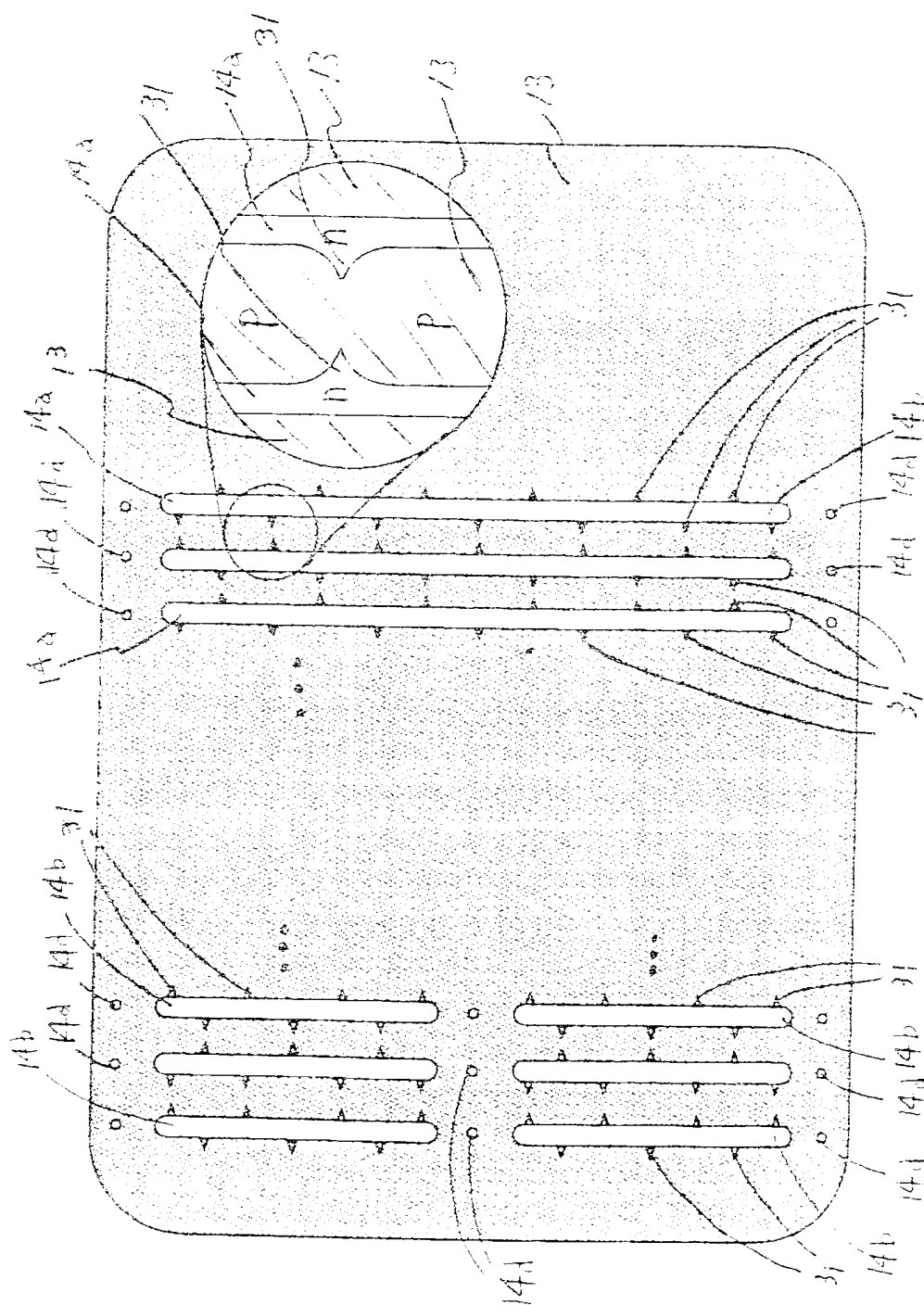


Fig. 22

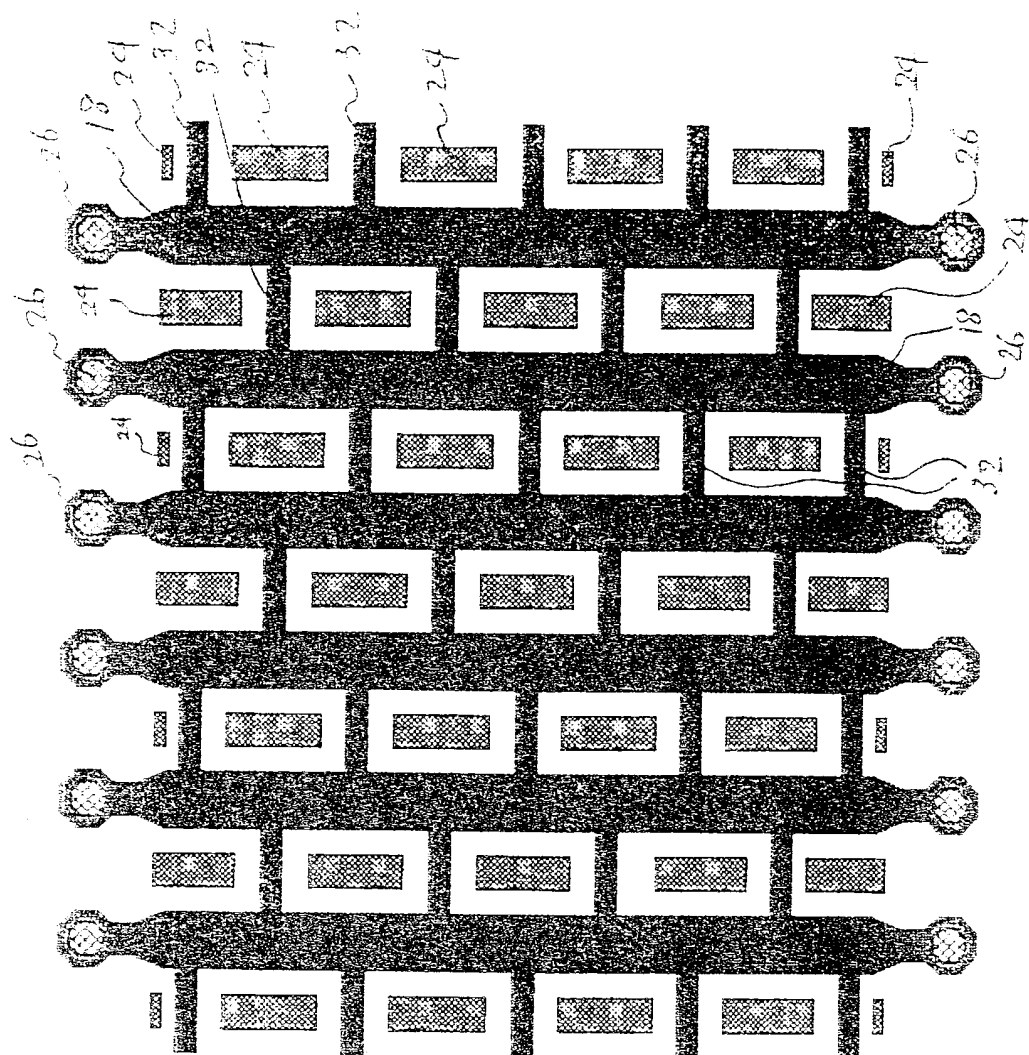
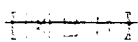


Fig. 23

Fig. 24

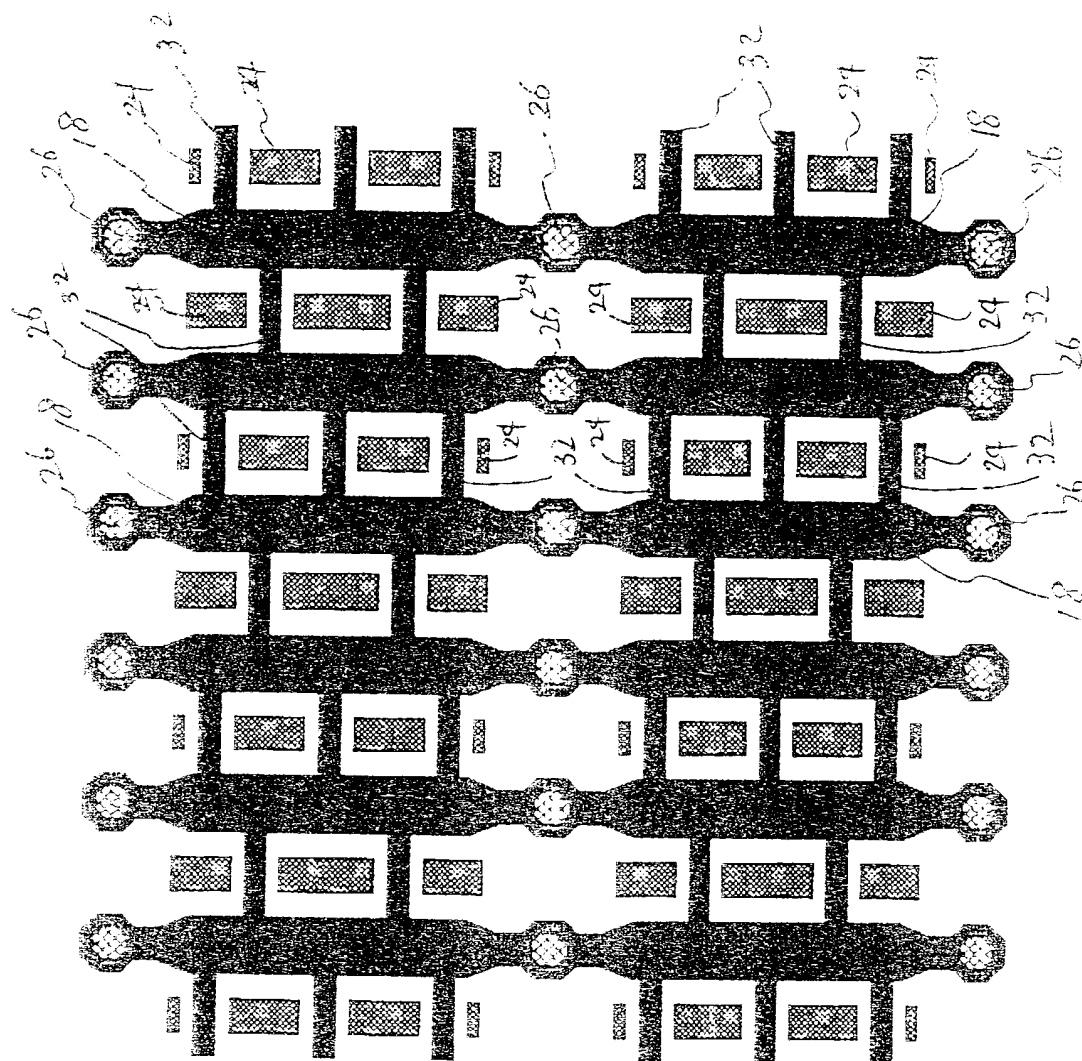


Fig. 24

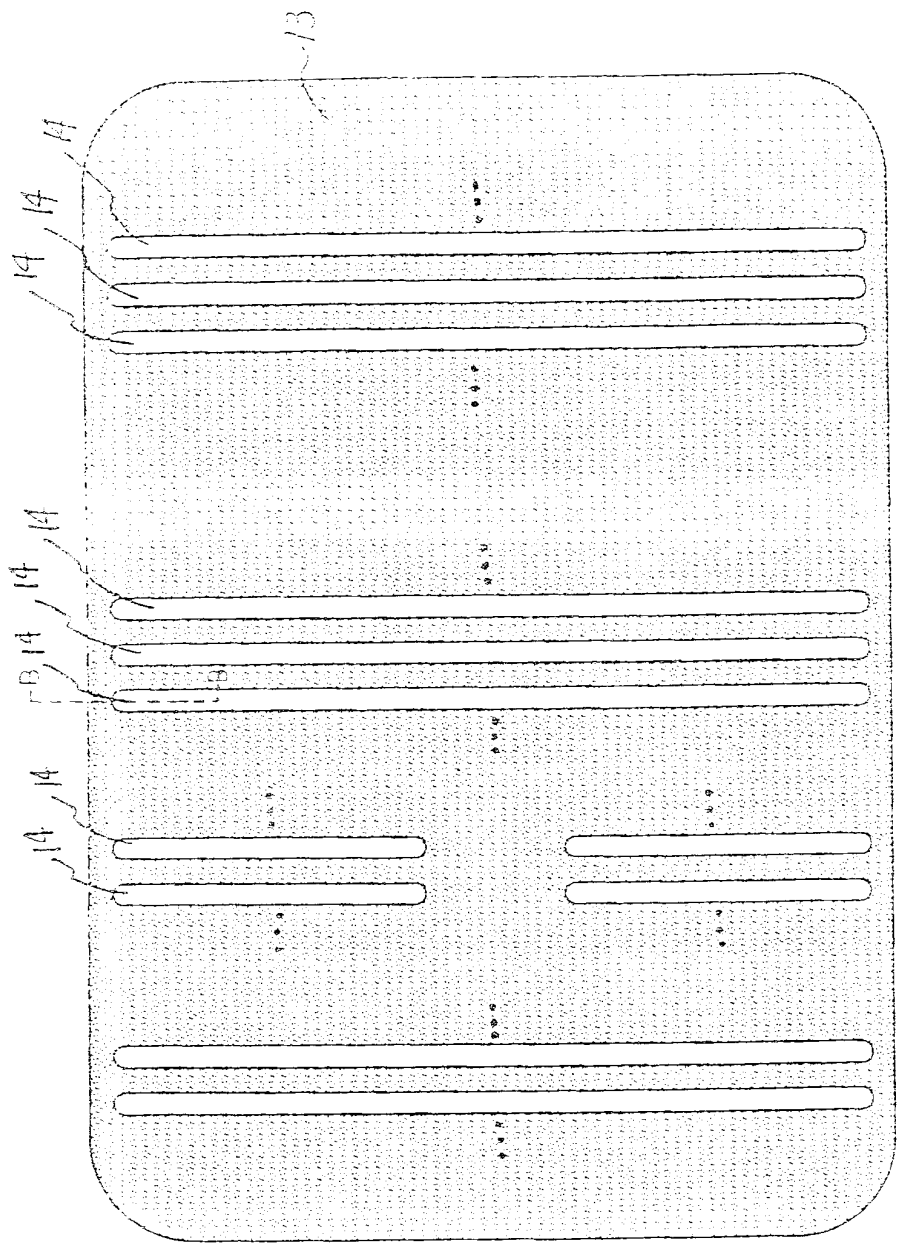


Fig. 25

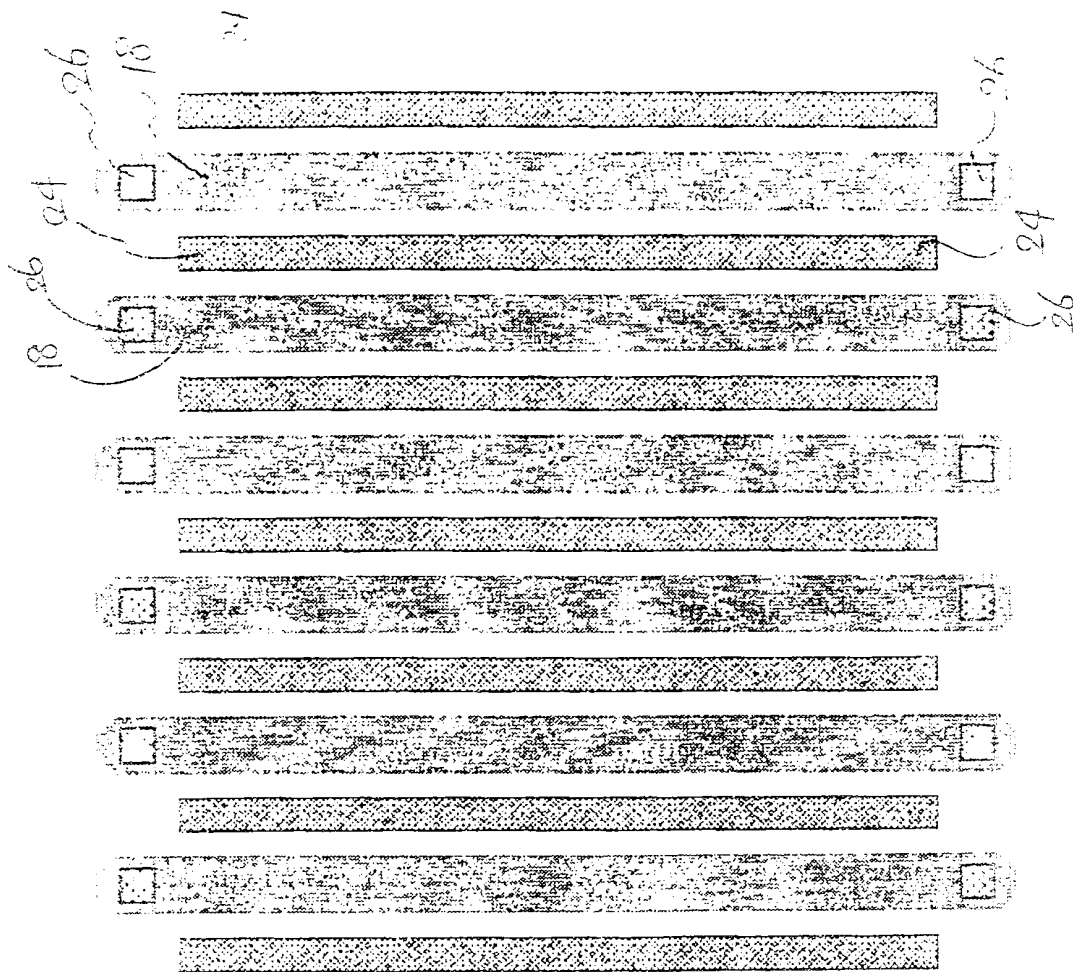
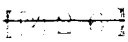


Fig. 26

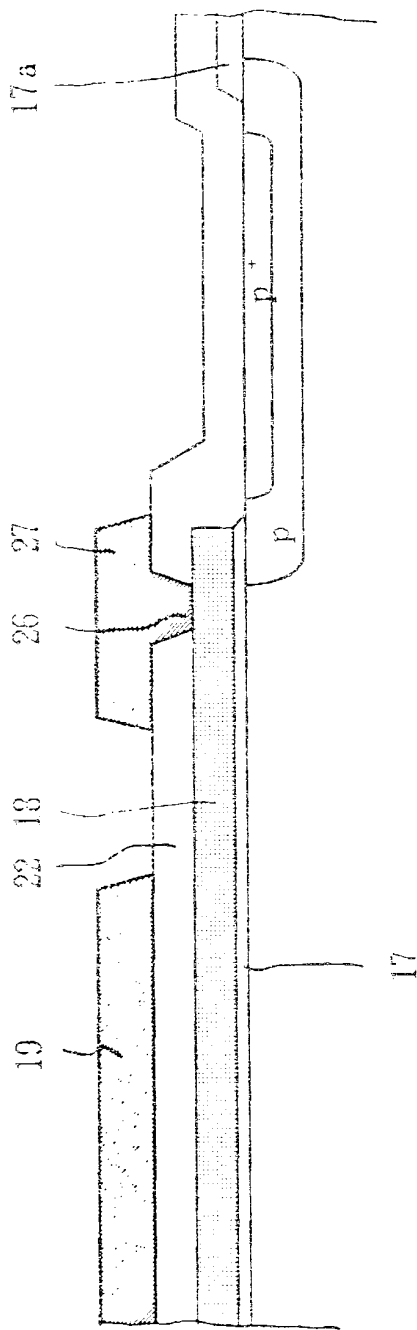


Fig. 27

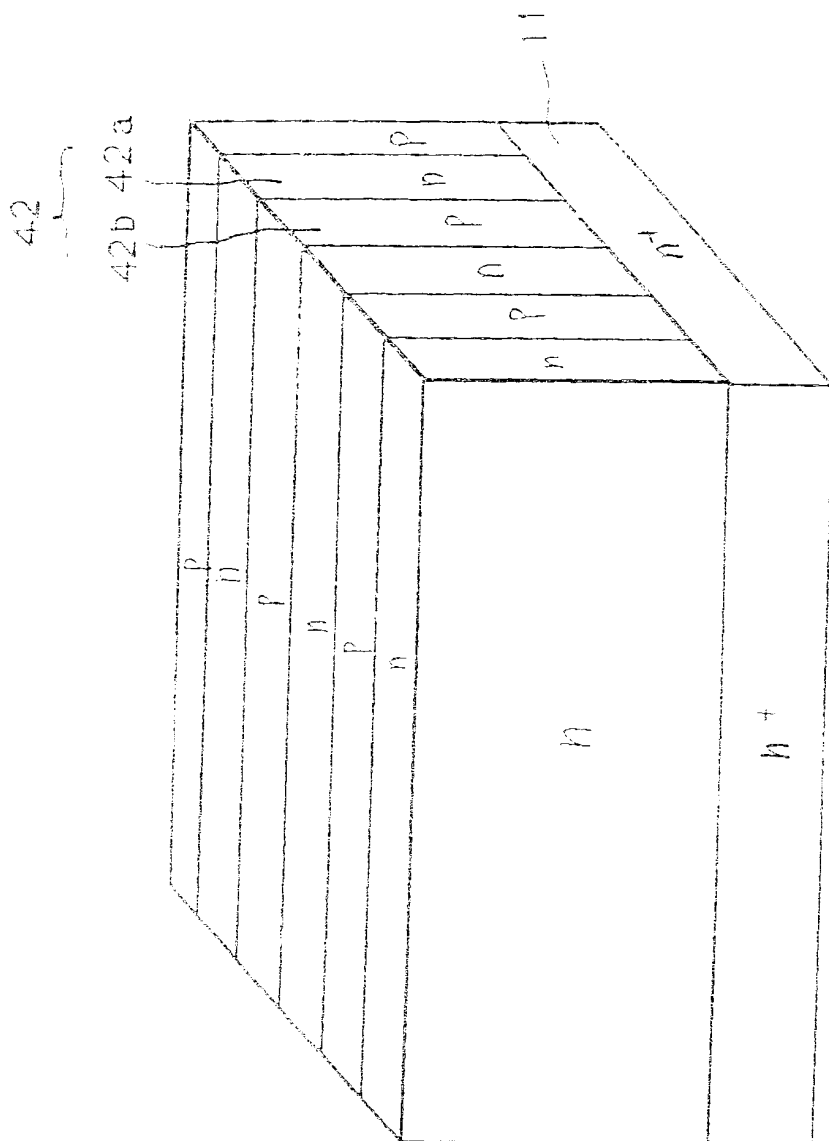


Fig. 29

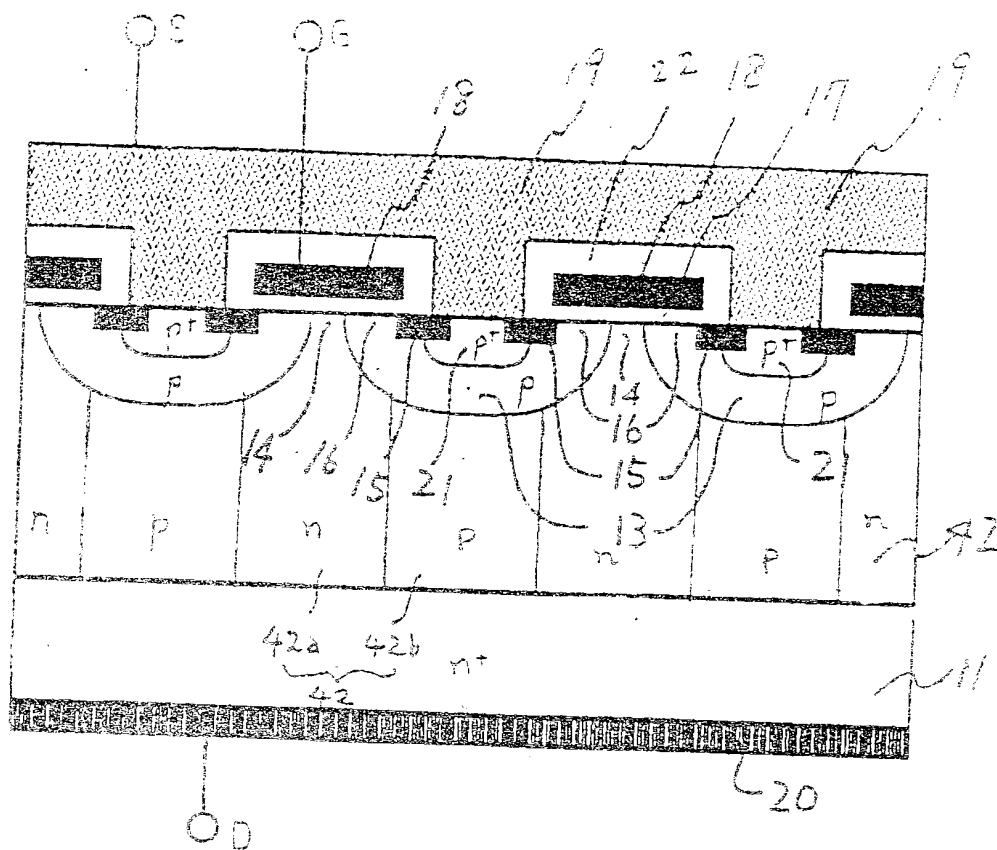


Fig. 30

Fig. 3(a)

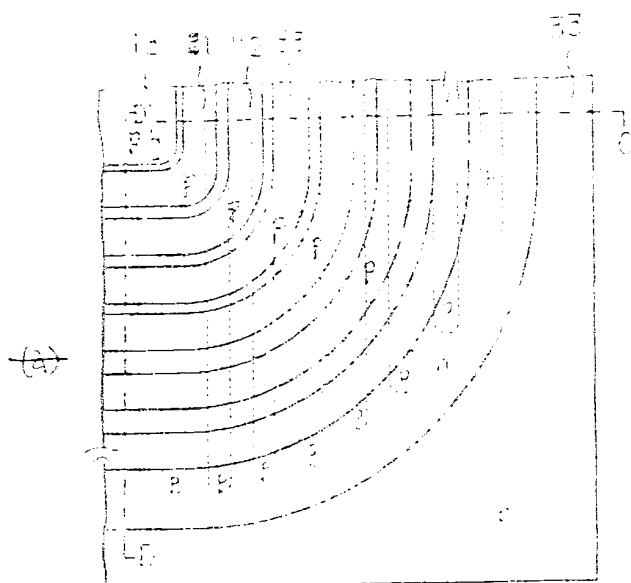


Fig. 3(b)

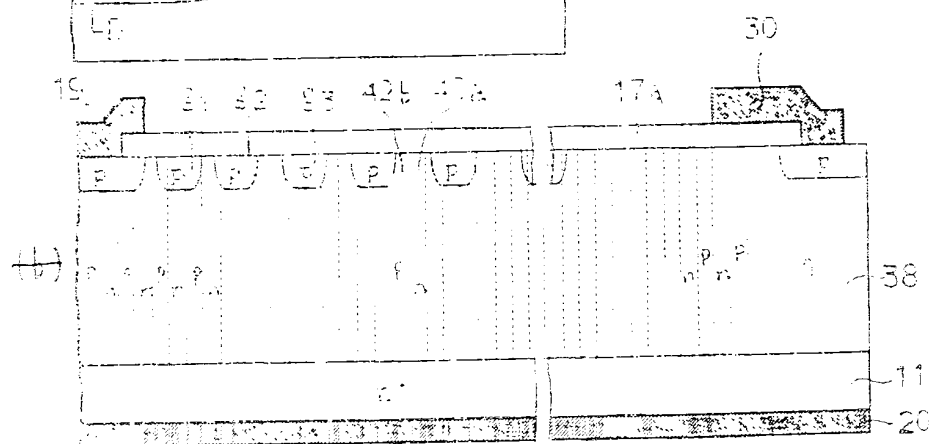
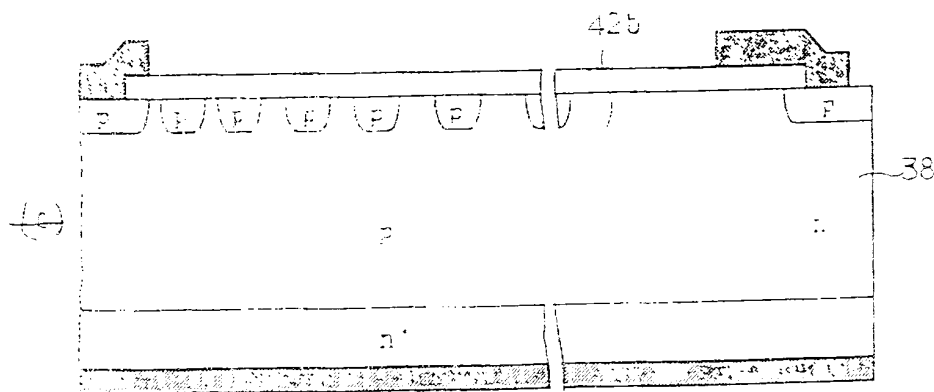


Fig. 3(c)



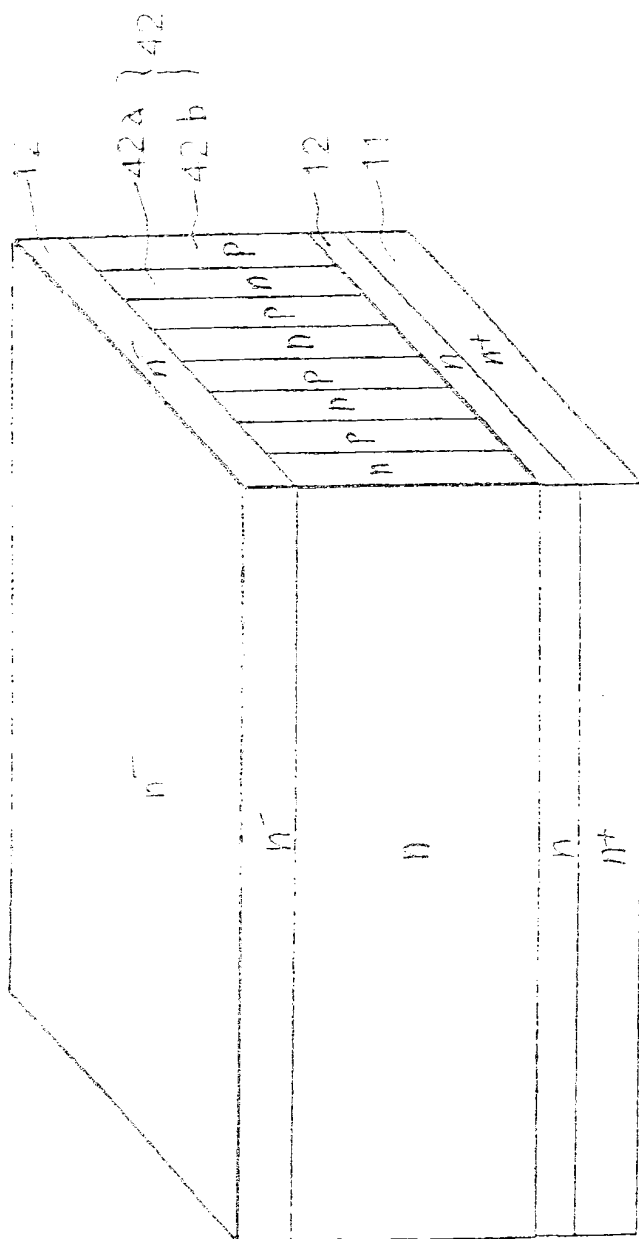


Fig. 3Z

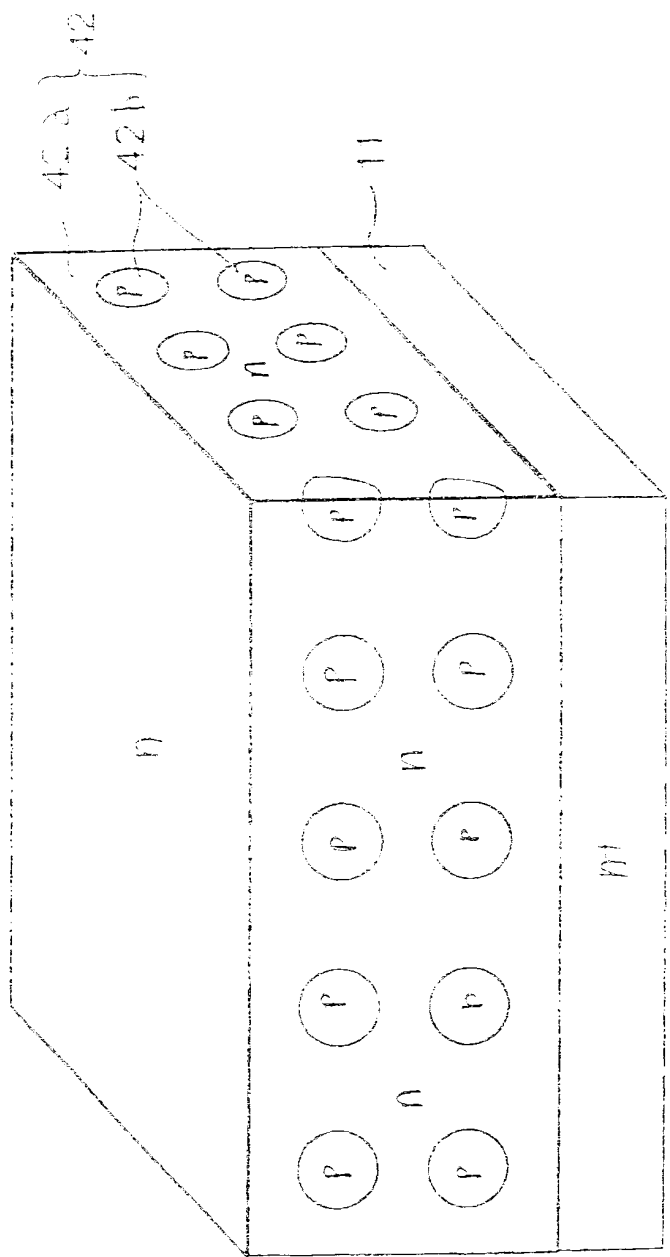


Fig. 33

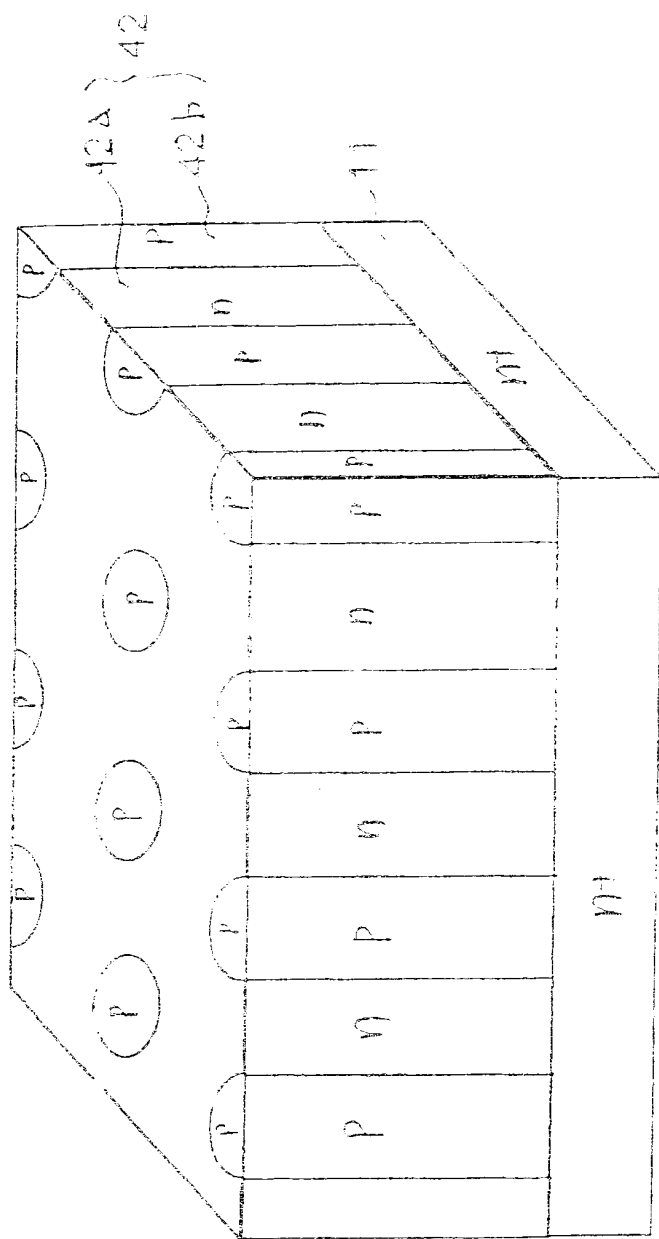
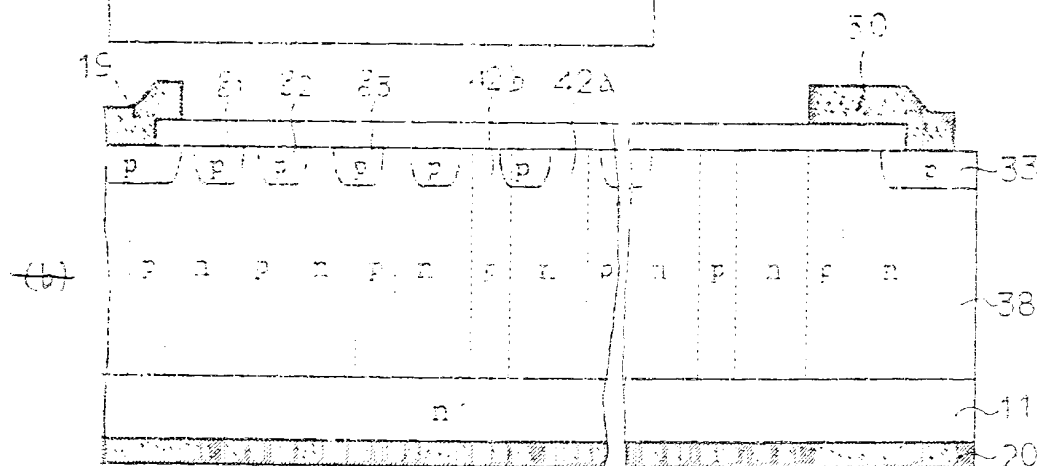
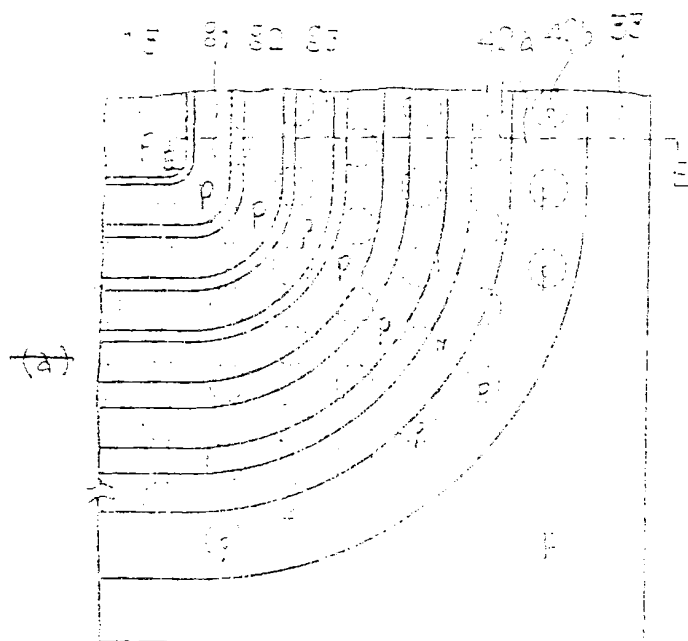
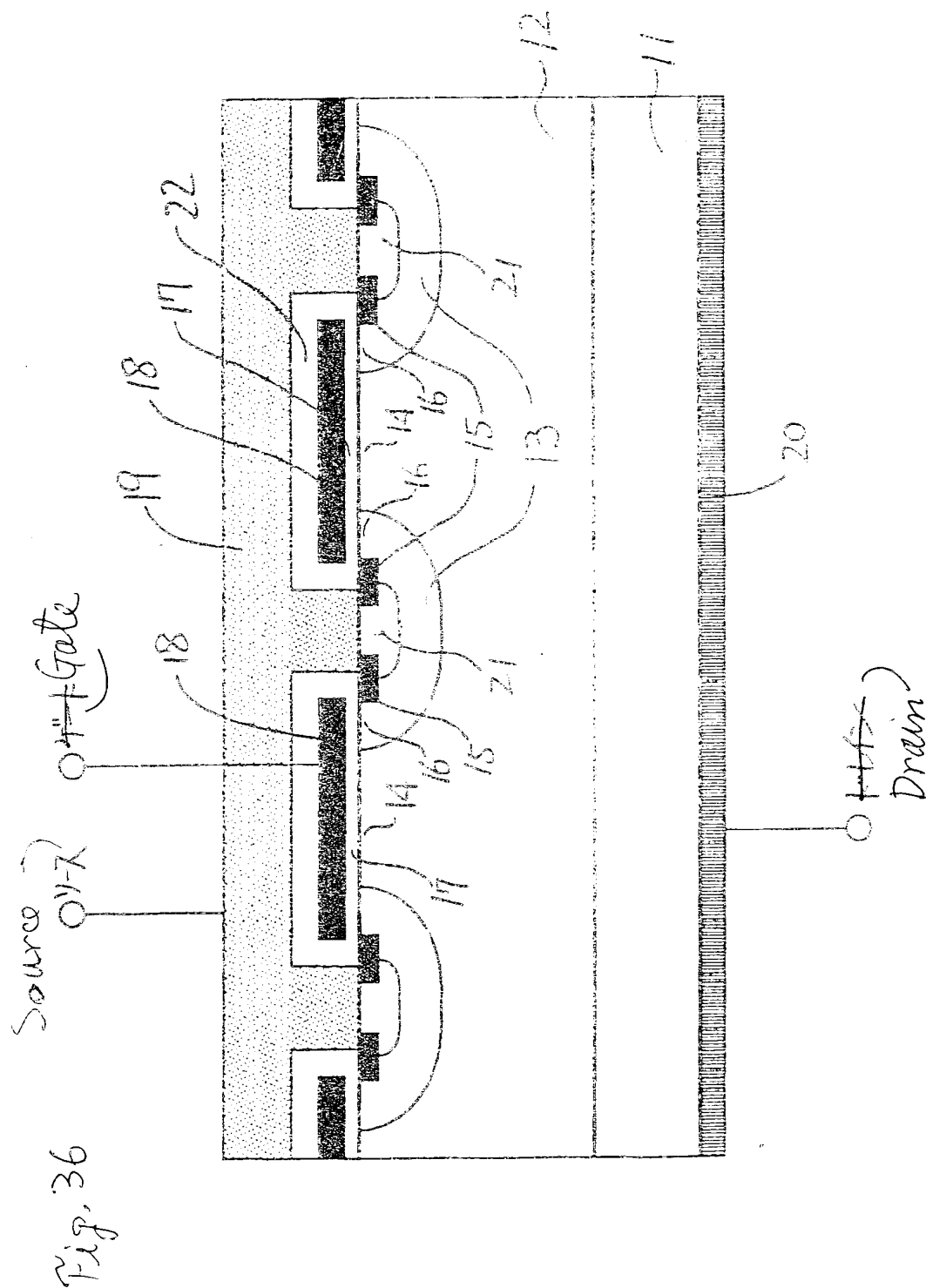


Fig. 34

Fig. 35(a)





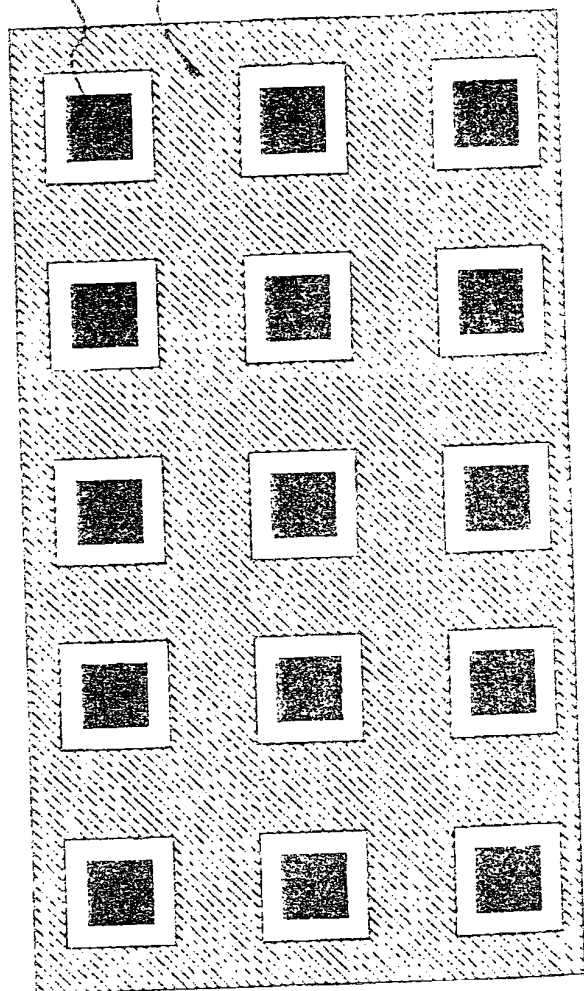


Fig. 37

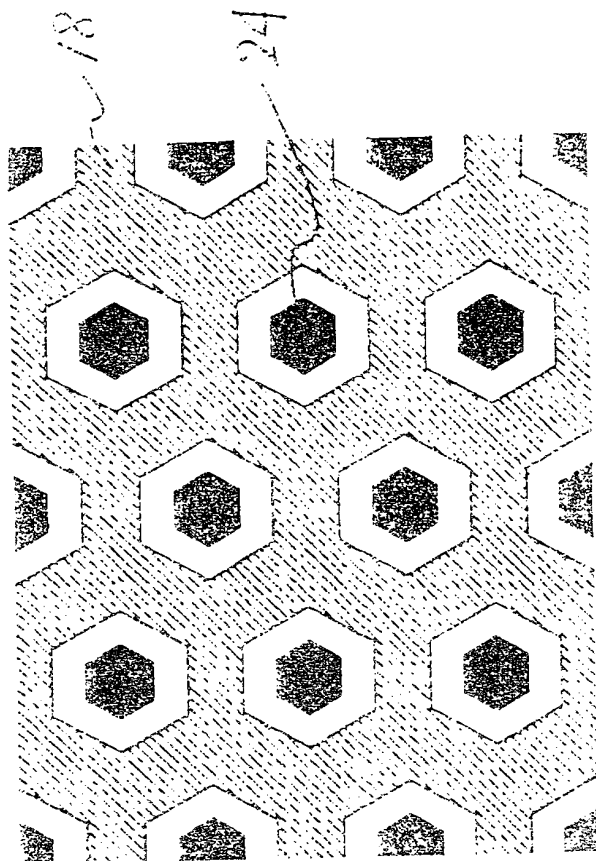


Fig. 38

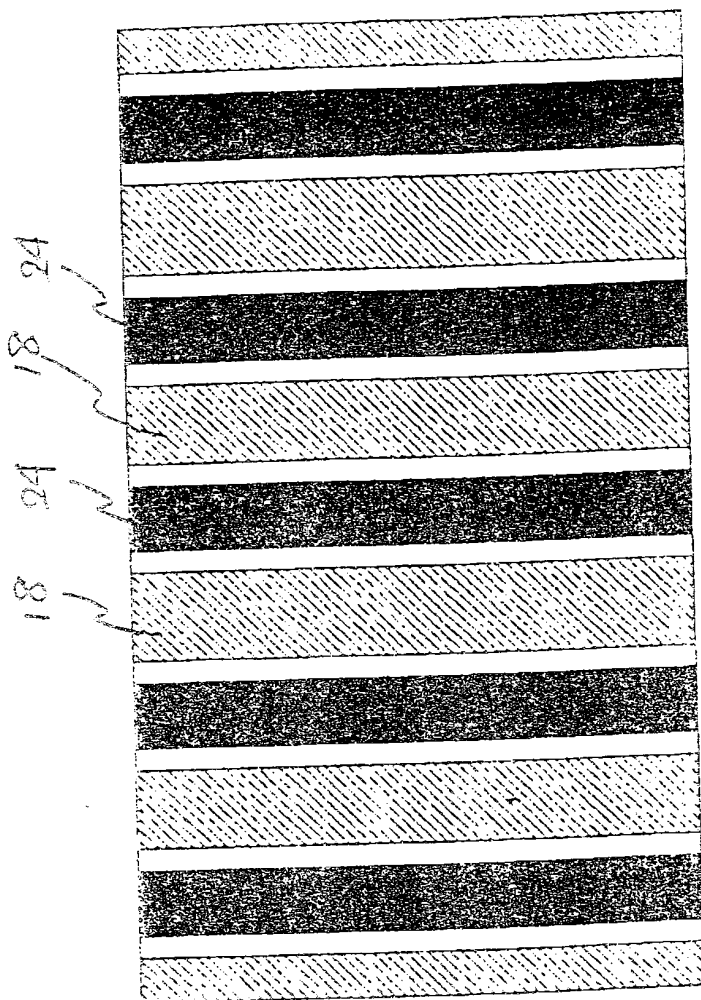


Fig. 39

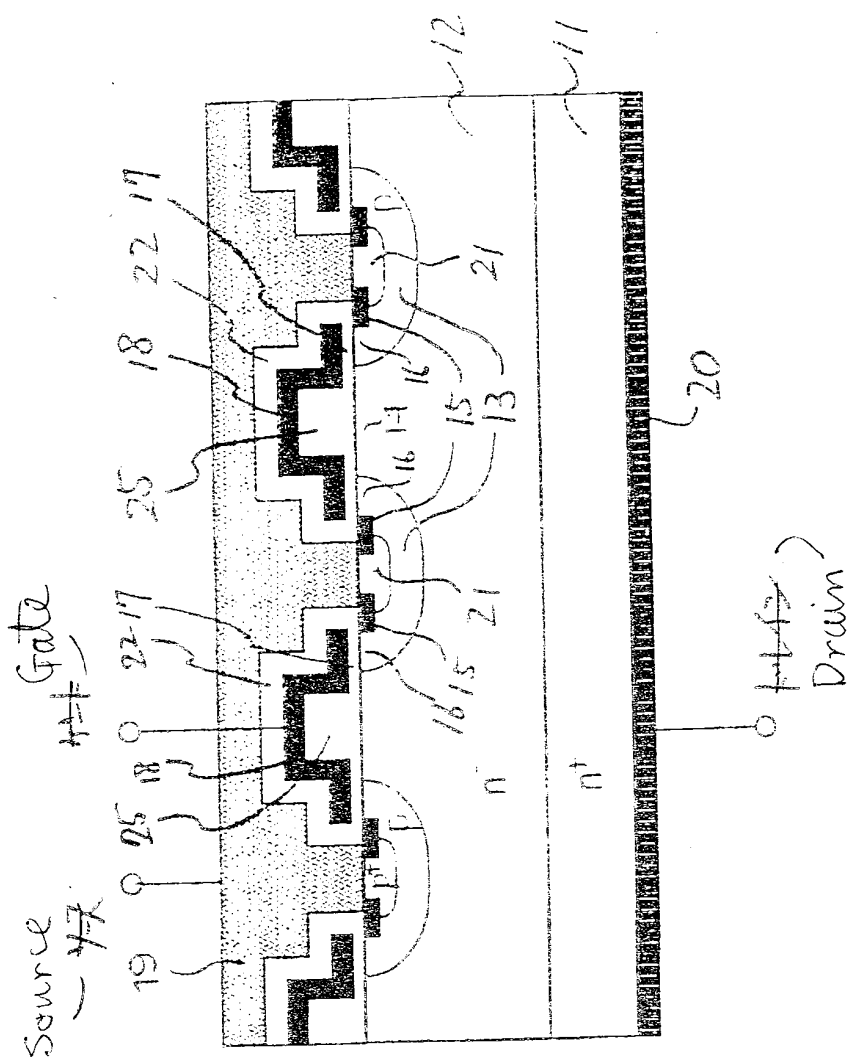


Fig. 40

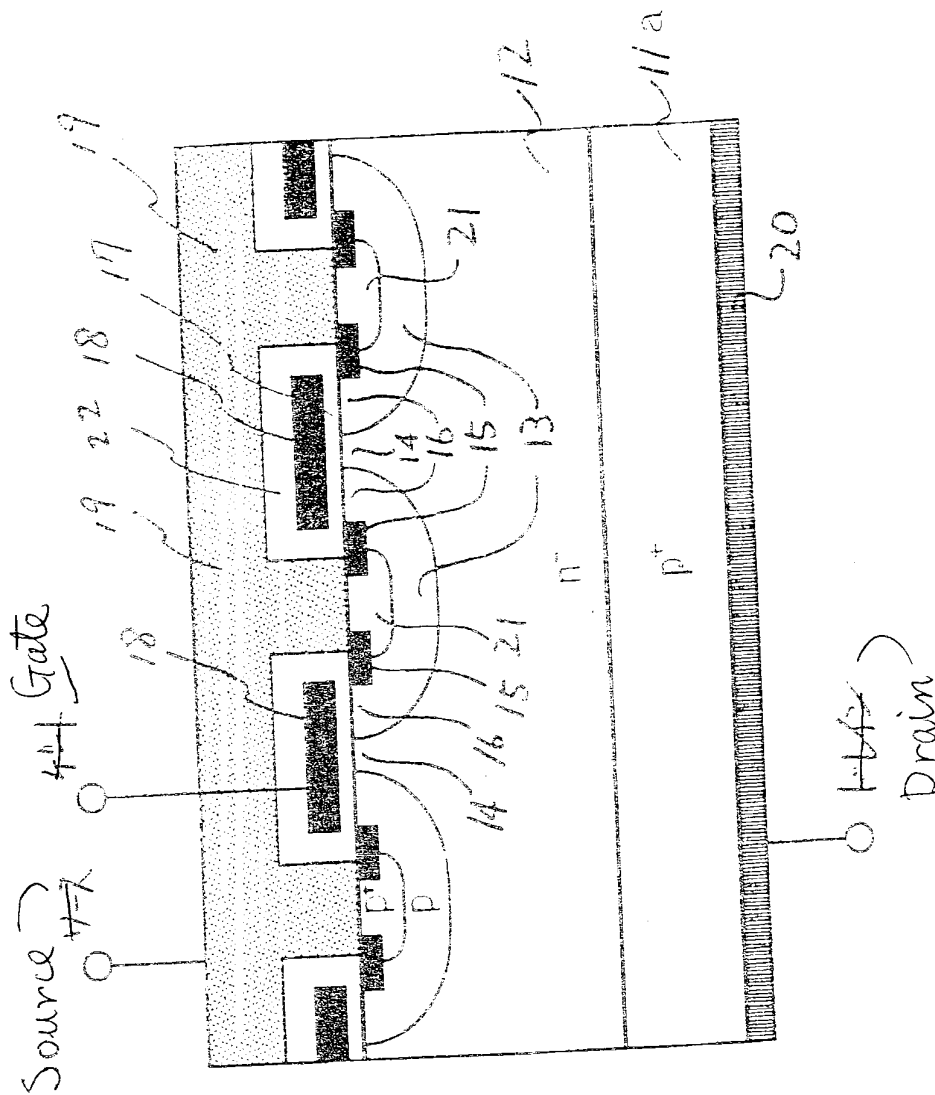


Fig. 4

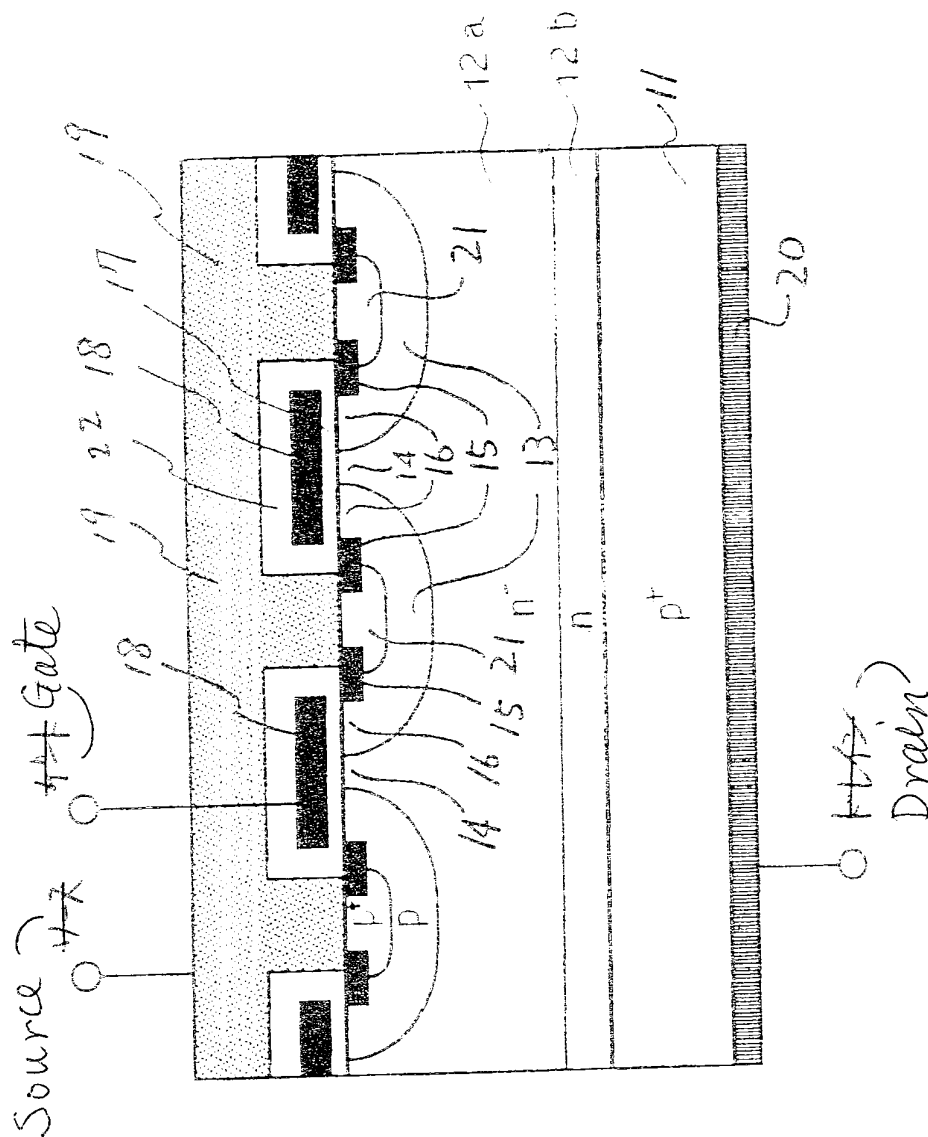
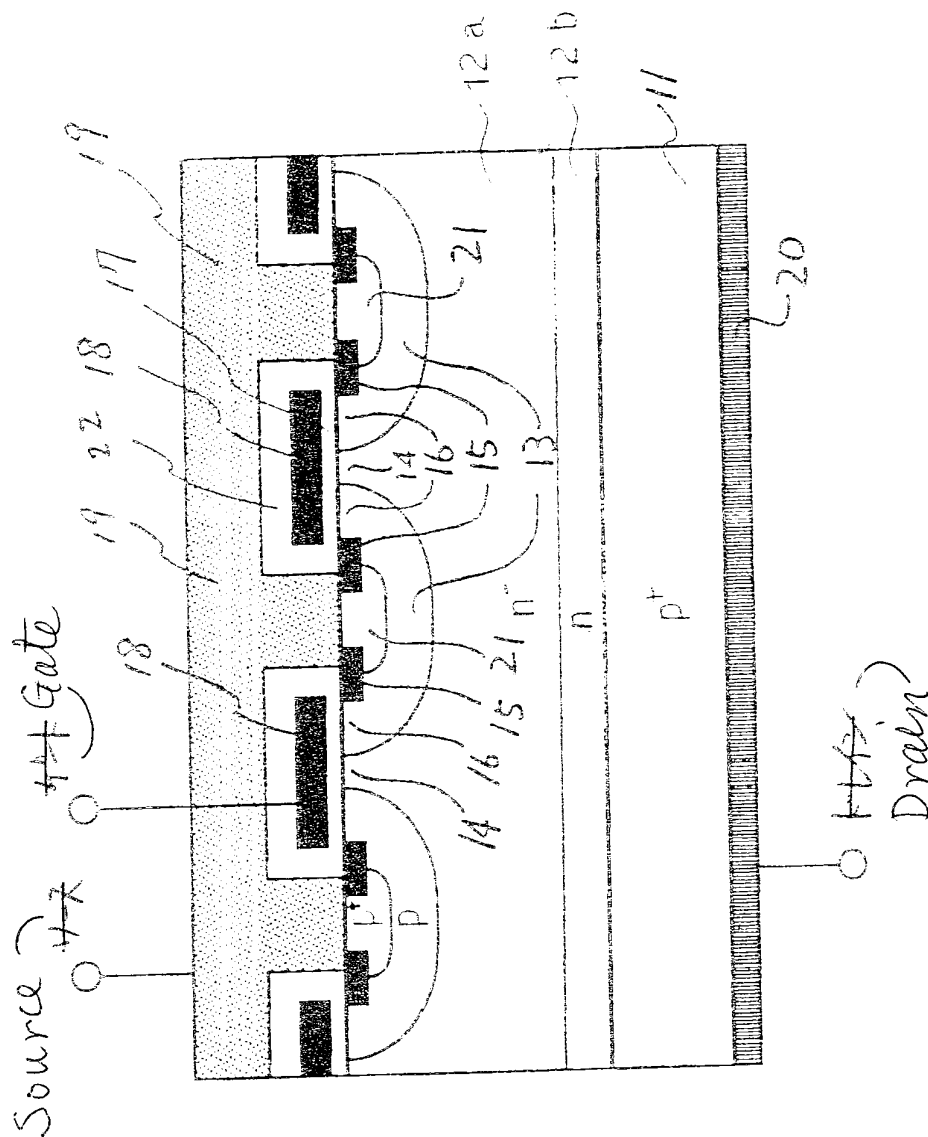
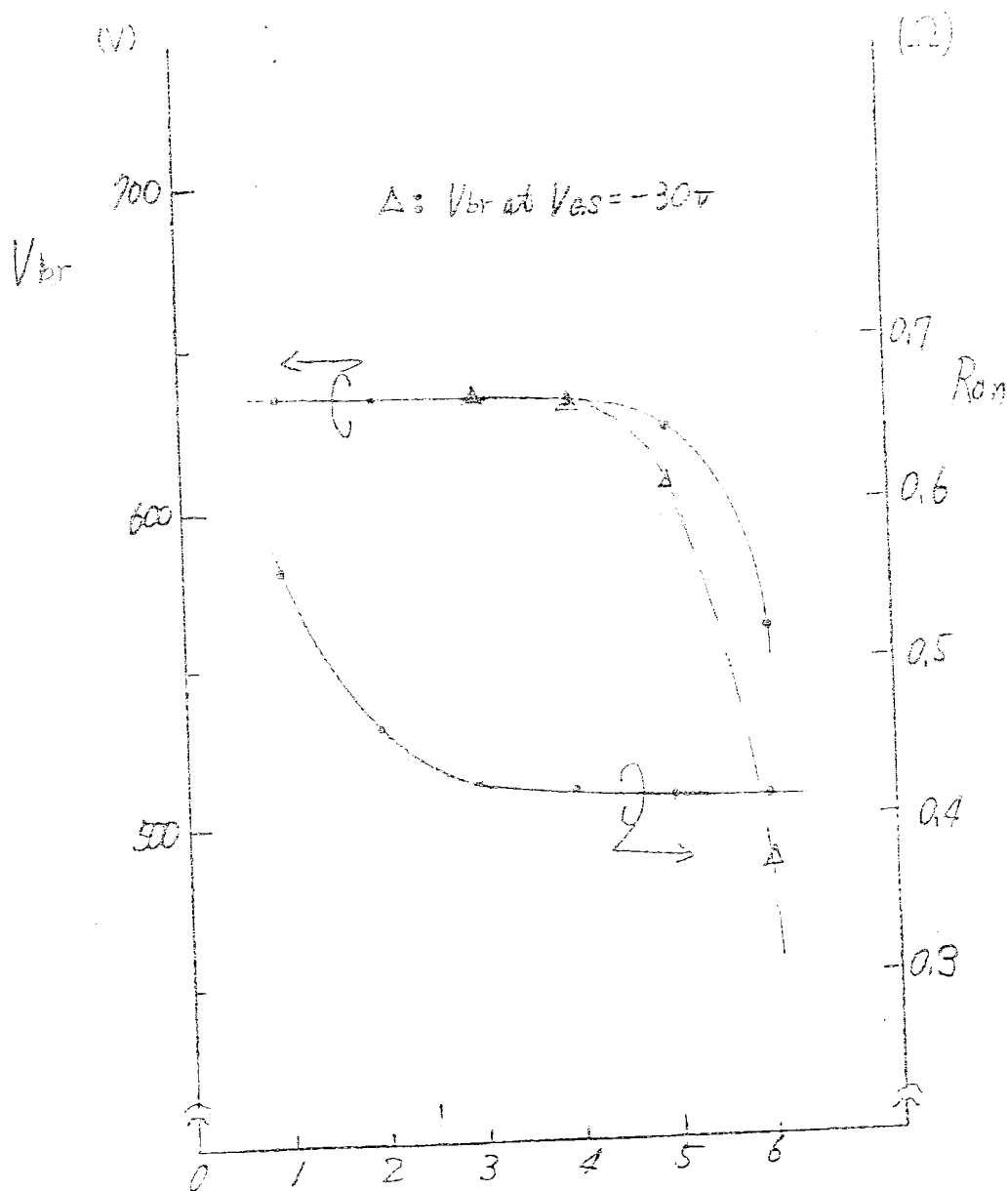


Fig-43



Phosphorus ion dose amount ($\times 10^{12} \text{ cm}^{-2}$)